

# Converting Colors

HunterLab(75.2430, -19.9233,  
-17.2116)

Have a look what the booklet for  
HunterLab(75.2430, -19.9233,  
-17.2116) contains.

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# Color

**HunterLab(75.3637,  
-20.0102, -16.9441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80D2ED
RGB	128, 210, 237
RGB Percent	50%, 82%, 93%
CMY	0.4980, 0.1765, 0.0706
CMYK	0.46, 0.11, 0.00, 0.07
HSL	195°, 75%, 72%
HSV	195°, 46%, 93%
XYZ	47.2348, 56.7969, 88.5942
YIQ	188.5600, -57.5390, -8.9870

# Conversions

## Conversions Part 2

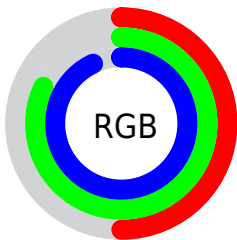
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 175, 237</a>
Decimal	<a href="#">8442605</a>
CIELab	<a href="#">80.07, -18.03, -21.08</a>
CIELCh	<a href="#">80, 27.741, 229.465</a>
Yxy	<a href="#">56.7990, 0.2452, 0.2949</a>
Android (android.graphics.Color)	<a href="#">4286632685 (0xFF80D2ED)</a>
YUV	<a href="#">188.5600, 23.8809, -53.1111</a>
Hunter-Lab	<a href="#">75.3637, -20.0102, -16.9441</a>

# Details

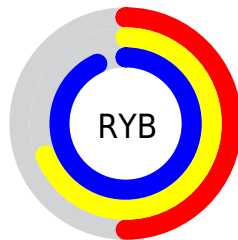
The HunterLab color **75.3637, -20.0102, -16.9441** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **65.5797, 22.8099, 22.3443**, and the grayscale version is **71.0719, -3.7922, 3.8615**.

A 20% lighter version of the original color is **94.4347, -25.2734, -1.6509**, and **52.9567, -16.7797, -16.6064** is the 20% darker color. If you saturate the color by 10%, you get **72.3360, -21.3298, -21.4720**, and if you desaturate by 10%, it is **78.6185, -17.9210, -12.2932**.

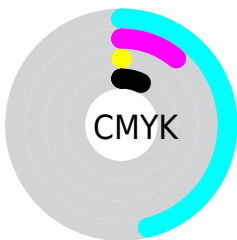
# Distribution



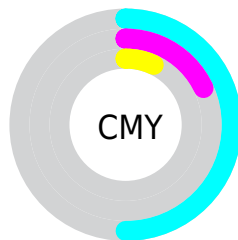
- Red (50%)
- Green (82%)
- Blue (93%)



- Red (50%)
- Yellow (69%)
- Blue (93%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (18%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.3637, -20.0102, -16.9441 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 75.3637, -20.0102, -16.9441 by changing the saturation by 10% instead.



■ 75.3637, -20.0102,  
-16.9441

■ 75.3637, -20.0102,  
-16.9441

203.1492,  
-33.5760, -16.5362

■ 63.9092, -18.4664,  
-16.7244

■ 100.0859,  
-23.0504, -17.2017

■ 53.1010, -16.8959,  
-16.4428

■ 113.2954,  
-24.5563, -17.2483

■ 42.9818, -15.2880,  
-16.0962

■ 127.0397,  
-26.0578, -17.2437

■ 33.6022, -13.6260,  
-15.6859

141.2989,  
-27.5576, -17.1905

■ 25.0259, -11.8840,  
-15.2214

156.0548,  
-29.0577, -17.0910

■ 17.3368, -10.0187,  
-14.7368

171.2915,

■ 10.6521, -8.2669,

-30.5599, -16.9475

-14.3487

186.9941,  
-32.0656, -16.7620

0.8576, -1.5008,  
-108.6508

0.0000, NaN, -NF

75.3637, -20.0102,  
-16.9441

75.3637, -20.0102,  
-16.9441

72.3360, -21.3298,  
-21.4720

78.6185, -17.9210,  
-12.2932

69.5376, -21.8362,  
-25.8480

82.0867, -15.1153,  
-7.5540

66.9727, -21.5082,  
-30.0391

85.7590, -11.6540,  
-2.7524

64.6370, -20.3558,  
-34.0213

89.6239, -7.5987,  
2.0888

■ 62.5157, -18.4377,  
-37.7887

■ 93.6698, -3.0096,  
6.9516

■ 61.7040, -17.5345,  
-39.2726

■ 96.3411, -3.2408,  
9.9998

■ 98.1983, -6.3344,  
12.0226

■ 99.4457, -8.3808,  
13.3622

# Harmonies

## Analogous

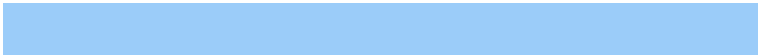
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3651, -26.7571, -4.5073



75.3637, -20.0102, -16.9441



75.3651, -8.6666, -24.1071

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3651, -20.0106, -16.9428



75.3651, 22.9411, -0.5056



75.3651, -12.3993, 23.7034

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.3637, -20.0102, -16.9441



65.5797, 22.8099, 22.3443

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3651, 0.7311, 24.3965



75.3637, -20.0102, -16.9441



75.3651, 21.7675, 11.8026

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3651, -20.0106, -16.9428



75.3651, 16.5175, -13.5780



75.3651, 13.4144, 20.4173



75.3651, -22.5792, 18.3237



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3637, -20.0102, -16.9441



75.3651, 0.2475, -24.2147



75.3651, 13.4144, 20.4173



75.3651, -8.2051, 24.4517

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.3651, -20.0106, -16.9428



93.9861, -11.8596, -1.9760



82.1421, -46.0185, 27.9201



43.0699, -5.9027, -1.4400

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

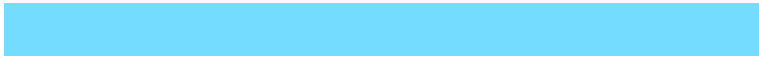


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3651, -20.0106, -16.9428



78.8488, -23.0982, -22.9580



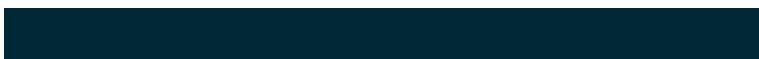
59.0271, 6.3482, -43.9955



40.5625, -4.1682, 0.1863



45.8305, -13.2961, -28.5817



13.4129, -4.5246, -6.9976



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.7233, 48.9546, -19.6806



62.1656, 64.3392, -25.3184



80.4014, -4.4712, 34.4037



39.0465, 2.7372, -0.2440



34.0782, 63.5930, -18.5458

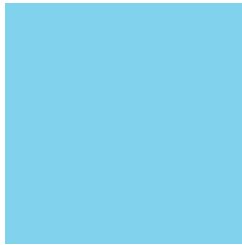


9.6282, 18.1001, -6.2698



# Previews

## White Background



This preview shows how the HunterLab color 75.3637, -20.0102, -16.9441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

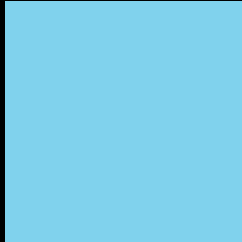
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.3637, -20.0102, -16.9441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

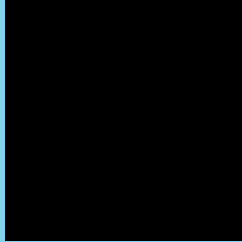
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 75.3637, -20.0102, -16.9441 Background



This preview shows how black text looks on a background with the HunterLab color 75.3637, -20.0102, -16.9441.



This preview shows how white text looks on a background with the HunterLab color 75.3637, -20.0102, -16.9441.

-20.0102, -16.9441.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

75.3637, -20.0102, -16.9441

### Protanopia

75.0252, 0.7082, -11.7622

### Deuteranopia

74.8952, 5.8625, -19.6268



## Tritanopia

75.1997, -22.9910, -11.9349

# Trichromacy



**Original Color**

75.3637, -20.0102, -16.9441

**Protanomaly**

74.8183, -7.6526, -13.9417

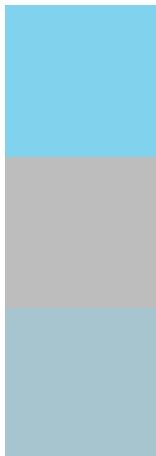
**Deuteranomaly**

74.6968, -4.1958, -19.4803

**Tritanomaly**

75.3616, -22.1647, -13.4292

# Monochromacy



**Original Color**

75.3637, -20.0102, -16.9441

**Achromatopsia**

71.3359, -3.8063, 3.8758

**Achromatomaly**

72.5288, -11.1477, -3.2373

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.3637, -20.0102, -16.9441 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 210, 237)` looks like.

```
.text, #text, p{  
    color:rgb(128, 210, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 210, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 210, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.3637, -20.0102, -16.9441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 210, 237) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 210, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 210, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 210, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 210, 237);  
box-shadow:4px 4px 4px 4px rgb(128, 210,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.3637, -20.0102, -16.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 210, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
210, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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