

# Converting Colors

HunterLab(73.6583, 7.4578,  
-20.2143)

Have a look what the booklet for  
HunterLab(73.6583, 7.4578,  
-20.2143) contains.

<b>HunterLab(73.6405, 7.5561, -20.2385)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(73.6405, 7.5561,  
-20.2385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BDEF
RGB	195, 189, 239
RGB Percent	76%, 74%, 94%
CMY	0.2353, 0.2588, 0.0627
CMYK	0.18, 0.21, 0.00, 0.06
HSL	247°, 61%, 84%
HSV	247°, 21%, 94%
XYZ	56.2832, 54.2292, 89.1621
YIQ	196.4940, -12.4740, 16.8220

# Conversions

## Conversions Part 2

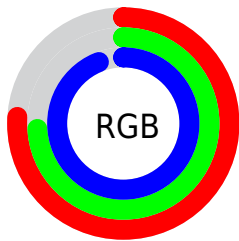
Format	Color
R <sub>YB</sub>	195, 189, 239
Decimal	12828143
CIE Lab	78.60, 12.13, -24.02
CIE LCh	79, 26.907, 296.802
Yxy	54.2315, 0.2819, 0.2716
Android (android.graphics.Color)	4291018223 (0xFFC3BDEF)
YUV	196.4940, 20.9555, -1.3102
Hunter-Lab	73.6405, 7.5561, -20.2385

# Details

The HunterLab color  $73.6405, 7.5561, -20.2385$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $90.9571, -14.6244, 24.4073$ , and the grayscale version is  $74.4262, -3.9712, 4.0437$ .

A 20% lighter version of the original color is  $96.5506, -1.0078, 1.3795$ , and  $51.6623, 7.4952, -19.4489$  is the 20% darker color. If you saturate the color by 10%, you get  $64.9423, 14.1683, -34.2894$ , and if you desaturate by 10%, it is  $82.6902, 1.3894, -7.5752$ .

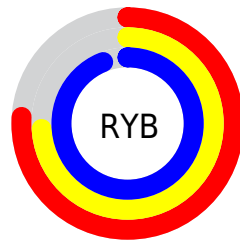
# Distribution



Red (76%)

Green (74%)

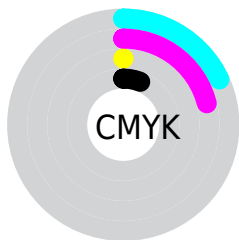
Blue (94%)



Red (76%)

Yellow (74%)

Blue (94%)

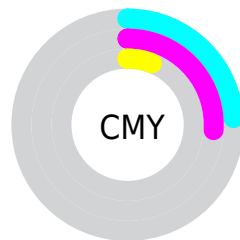


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (26%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.6405, 7.5561, -20.2385 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 73.6405, 7.5561, -20.2385 by changing the saturation by 10% instead.



73.6405, 7.5561,  
-20.2385

73.6405, 7.5561,  
-20.2385

200.7466, 5.0966,  
-20.6795

62.2790, 7.5754,  
-19.9198

98.1906, 7.3350,  
-20.6937

51.5692, 7.5281,  
-19.5416

111.3196, 7.1455,  
-20.8380

41.5553, 7.4042,  
-19.1038

124.9867, 6.9081,  
-20.9296

32.2894, 7.1927,  
-18.6139

139.1713, 6.6259,  
-20.9710

23.8377, 6.8781,  
-18.0950

153.8553, 6.3014,  
-20.9646

16.2878, 6.4385,  
-17.6138

169.0223, 5.9371,

9.7639, 5.8412,

-20.9126

-17.3869

184.6572, 5.5349,  
-20.8170

0.0000, INF, -NF

0.0000, NaN, -NF

■ 73.6405, 7.5561,  
-20.2385

■ 73.6405, 7.5561,  
-20.2385

■ 64.9423, 14.1683,  
-34.2894

■ 82.6902, 1.3894,  
-7.5752

■ 56.6641, 21.3626,  
-50.1564

■ 92.0345, -4.4359,  
4.0256

■ 48.9115, 29.2807,  
-68.3383

■ 99.5048, -8.0554,  
12.5149

■ 41.8366, 38.0137,  
-89.2850

■ 35.6596, 47.4205,

-112.9732

■ 30.6812, 56.7446,  
-137.9095

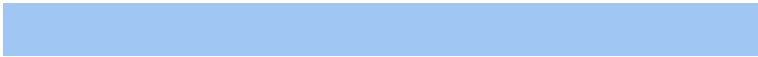
■ 27.2350, 64.2142,  
-159.8701

■ 25.4726, 68.0876,  
-173.1886

# Harmonies

## Analogous

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



73.6420, -5.3080, -23.5659



73.6405, 7.5561, -20.2385



73.6420, 17.9279, -10.0731

# Triad

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



73.6420, 7.5548, -20.2370



73.6420, 10.1047, 21.1044



73.6420, -27.0377, 5.3090

# Complementary

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



73.6405, 7.5561, -20.2385



90.9571, -14.6244, 24.4073

# 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.



73.6420, -23.5087, 15.7627



73.6405, 7.5561, -20.2385



73.6420, -2.5485, 23.8438

# Square

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



73.6420, 7.5548, -20.2370



73.6420, 19.4696, 13.8484



73.6420, -14.7577, 22.0691



73.6420, -24.7355, -7.4098



# Rectangle

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



73.6405, 7.5561, -20.2385



73.6420, 21.7279, -1.5683



73.6420, -14.7577, 22.0691



73.6420, -26.5003, 9.1807

# Sweetspot

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



73.6420, 7.5548, -20.2370



93.8929, -1.6153, -1.9133



86.8472, -16.8364, -2.5301



43.1345, -0.5569, -1.2648

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.6420, 7.5548, -20.2370



75.3120, 11.0324, -27.8807



76.0388, 15.3966, -16.5504



39.1402, 0.2473, -2.7226



19.0127, 50.6731, -128.1262



5.7440, 14.8245, -34.9524



# Inverse Universe

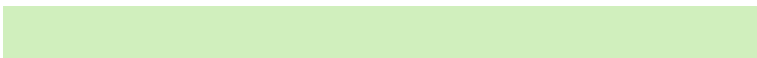
The Inverse Universe completely reimagines the original color for something new.



77.8661, 20.7724, -10.3569



80.8504, 27.9992, -14.4289



88.7932, -22.4826, 22.1715



39.9961, 3.0556, -0.8995



35.6854, 68.3798, -33.2765

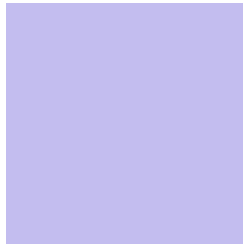


10.3369, 19.8778, -10.1845



# Previews

## White Background



This preview shows how the HunterLab color 73.6405, 7.5561, -20.2385 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

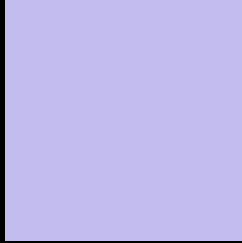
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.6405, 7.5561, -20.2385 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

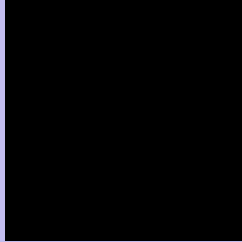
Any Text WCAG AA ✓ Pass

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 73.6405, 7.5561, -20.2385 Background



This preview shows how black text looks on a background with the HunterLab color 73.6405, 7.5561, -20.2385.



This preview shows how white text looks on a background with the HunterLab color 73.6405, 7.5561, -20.2385.

-20.2385.

# 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

73.6405, 7.5561, -20.2385

### Protanopia

73.5645, 2.9092, -21.6901

### Deuteranopia

73.5767, 5.8359, -20.3651



## Tritanopia

73.6097, -2.3318, -3.7943

# Trichromacy



## Original Color

73.6405, 7.5561, -20.2385

## Protanomaly

73.5647, 4.3578, -21.0350

## Deuteranomaly

73.6650, 6.1313, -20.2265

## Tritanomaly

73.5705, 1.3929, -9.7703

# Monochromacy



## Original Color

73.6405, 7.5561, -20.2385

## Achromatopsia

74.2975, -3.9643, 4.0367

## Achromatomaly

73.9115, 0.3878, -4.4146

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.6405, 7.5561, -20.2385 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(195, 189, 239)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 239)  
}
```

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(195, 189, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.6405, 7.5561, -20.2385 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".

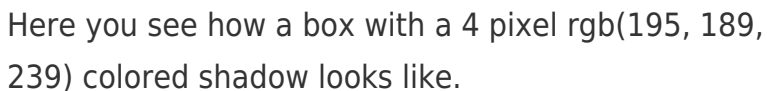
```
.border, #border, table{ border:4px solid rgb(195, 189, 239) }
```



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

```
.border{ border-color:rgb(195, 189, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 189, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 189, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 189, 239); box-shadow:4px 4px 4px 4px rgb(195, 189, 239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.6405, 7.5561, -20.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 239) }
```

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

```
.background{ background-color: rgb(195,  
189, 239) }
```

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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