

Converting Colors

HunterLab(68.6272, -15.5734,
-20.7703)

Have a look what the booklet for
HunterLab(68.6272, -15.5734,
-20.7703) contains.

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Color

**HunterLab(68.6272,
-15.5734, -20.7703)**

Conversions

Conversions Part 1

Format	Color
Hex	76C0E3
RGB	118, 192, 227
RGB Percent	46%, 75%, 89%
CMY	0.5372, 0.2470, 0.1098
CMYK	0.48, 0.15, 0.00, 0.11
HSL	199°, 66%, 68%
HSV	199°, 48%, 89%
XYZ	40.1860, 47.0969, 79.6457
YIQ	173.8640, -55.3390, -4.8030

Conversions

Conversions Part 2

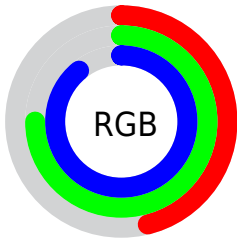
Format	Color
RYB	118, 162, 227
Decimal	7782627
CIELab	74.25, -13.74, -24.60
CIELCh	74, 28.175, 240.808
Yxy	47.0987, 0.2407, 0.2821
Android (android.graphics.Color)	4285972707 (0xFF76C0E3)
YUV	173.8640, 26.1960, -48.9927
Hunter-Lab	68.6272, -15.5734, -20.7703

Details

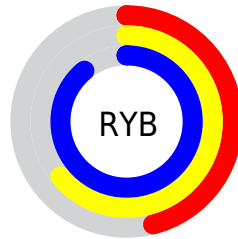
The HunterLab color **68.6272, -15.5734, -20.7703** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **63.5788, 18.8411, 23.5220**, and the grayscale version is **64.9152, -3.4637, 3.5270**.

A 20% lighter version of the original color is **91.3612, -24.4917, -5.5293**, and **47.3007, -13.0279, -20.0041** is the 20% darker color. If you saturate the color by 10%, you get **65.2487, -15.9586, -26.1106**, and if you desaturate by 10%, it is **72.2249, -14.4608, -15.4071**.

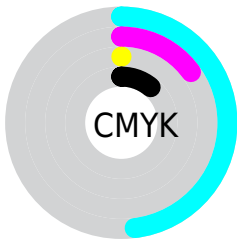
Distribution



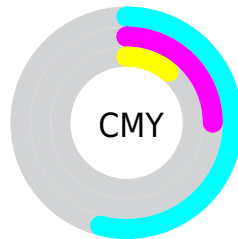
- Red (46%)
- Green (75%)
- Blue (89%)



- Red (46%)
- Yellow (64%)
- Blue (89%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6272, -15.5734, -20.7703 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 68.6272, -15.5734, -20.7703 by changing the saturation by 10% instead.

■ 68.6272, -15.5734,
-20.7703

■ 68.6272, -15.5734,
-20.7703

193.7030,
-27.4769, -21.5583

■ 57.5445, -14.2527,
-20.4089

■ 92.6612, -18.1963,
-21.3107

■ 47.1313, -12.9170,
-19.9888

■ 105.5495,
-19.5060, -21.4959

■ 37.4351, -11.5571,
-19.5131

■ 118.9855,
-20.8184, -21.6272

■ 28.5137, -10.1584,
-18.9960

132.9476,
-22.1355, -21.7072

■ 20.4413, -8.6967,
-18.4777

147.4169,
-23.4588, -21.7381

■ 13.3187, -7.1288,
-18.0758

162.3759,

■ 6.8616, -9.0933,

-24.7895, -21.7223

-19.9885

177.8094,
-26.1286, -21.6617

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 68.6272, -15.5734,
-20.7703

■ 68.6272, -15.5734,
-20.7703

■ 65.2487, -15.9586,
-26.1106

■ 72.2249, -14.4608,
-15.4071

■ 62.0966, -15.5638,
-31.3982

■ 76.0252, -12.6809,
-10.0520

■ 59.1798, -14.3556,
-36.5943

■ 80.0161, -10.2975,
-4.7244

■ 56.4998, -12.3322,
-41.6639


■ 84.1842, -7.3726,
0.5614

■ 54.0410, -9.5638,


■ 88.5171, -3.9644,


-46.6003


5.7963

 53.5672, -8.9717,
-47.5871

 93.0027, -0.1262,
10.9754

 95.3533, -3.6994,
13.5033

 97.6590, -7.5197,
15.9241

 99.1595, -9.9599,
17.4737

Harmonies

Analogous

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



68.6285, -24.0703, -9.7681



68.6272, -15.5734, -20.7703



68.6285, -3.3084, -24.9469

Triad

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



68.6285, -15.5737, -20.7691



68.6285, 23.5063, 4.0741



68.6285, -16.1477, 21.3575

Complementary

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



68.6272, -15.5734, -20.7703



63.5788, 18.8411, 23.5220

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.



68.6285, -4.0219, 23.7052



68.6272, -15.5734, -20.7703



68.6285, 19.4425, 14.9534

Square

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



68.6285, -15.5737, -20.7691



68.6285, 19.8454, -9.0691



68.6285, 9.1144, 21.5988



68.6285, -24.3837, 14.4672

Rectangle

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



68.6272, -15.5734, -20.7703



68.6285, 5.5546, -22.7825



68.6285, 9.1144, 21.5988



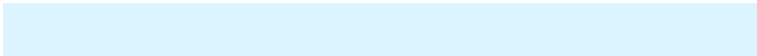
68.6285, -12.4232, 22.6388

Sweetspot

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



68.6285, -15.5737, -20.7691



93.1395, -10.5089, -3.0165



78.1504, -43.9127, 24.6805



42.6170, -5.1846, -2.0026

0.0000, NaN, NaN



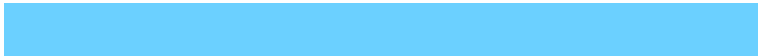
46.2646, -2.4686, 2.5136

Same Dimension

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



68.6285, -15.5737, -20.7691



74.3137, -18.2079, -30.0083



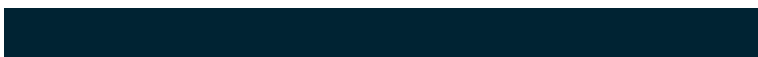
52.5085, 11.5346, -49.5024



39.3892, -3.6889, -0.0942



41.1754, -7.2643, -35.7841



11.9125, -3.0520, -8.3011

Inverse Universe

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



57.5283, 47.2455, -15.1225



60.2713, 65.8044, -20.1018



78.9138, -8.5643, 35.5978



38.1213, 2.5308, 0.1151



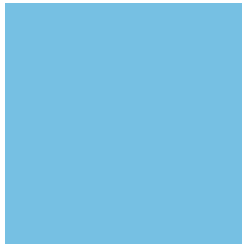
33.0291, 60.7566, -11.1622



9.0716, 16.8485, -4.3176

Previews

White Background



This preview shows how the HunterLab color 68.6272, -15.5734, -20.7703 looks on a white background.

Color Contrast Check

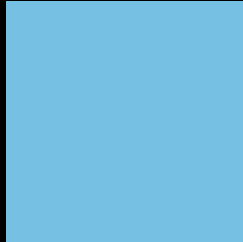
Large Text (above 18pt) WCAG AA × Fail

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 68.6272, -15.5734, -20.7703 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

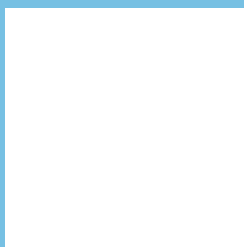
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.6272, -15.5734, -20.7703 Background



This preview shows how black text looks on a background with the HunterLab color 68.6272, -15.5734, -20.7703.



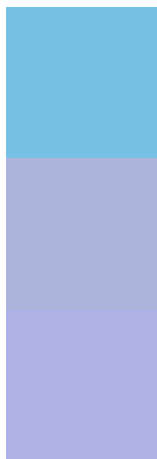
This preview shows how white text looks on a background with the HunterLab color 68.6272, -15.5734, -20.7703.

-15.5734, -20.7703.

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

68.6272, -15.5734, -20.7703

Protanopia

68.2944, 1.6057, -16.0710

Deuteranopia

68.2295, 5.2822, -22.9191



Tritanopia

68.7343, -21.3851, -11.1807

Trichromacy



Original Color

68.6272, -15.5734, -20.7703

Protanomaly

68.0641, -5.1314, -18.3477

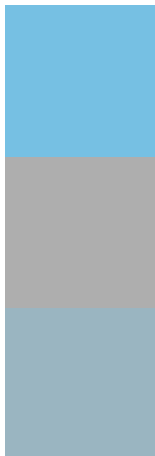
Deuteranomaly

68.1132, -2.8347, -22.6048

Tritanomaly

68.7300, -19.2850, -14.6157

Monochromacy



Original Color

68.6272, -15.5734, -20.7703

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

66.1574, -9.2650, -4.6113

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6272, -15.5734, -20.7703 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(118, 192, 227)` looks like.

```
.text, #text, p{  
    color:rgb(118, 192, 227)  
}
```

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(118, 192, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 192, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6272, -15.5734, -20.7703 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(118, 192, 227) }
```


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

```
.border{ border-color:rgb(118, 192, 227) }
```

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

Here you see how a box with a 4 pixel rgb(118, 192, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 192, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 192, 227);  
box-shadow:4px 4px 4px 4px rgb(118, 192,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6272, -15.5734, -20.7703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 192, 227) }
```

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

```
.background{ background-color: rgb(118,  
192, 227) }
```

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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