

Converting Colors

HunterLab(51.8008, -0.8427,
-31.3434)

Have a look what the booklet for
HunterLab(51.8008, -0.8427,
-31.3434) contains.

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Color

**HunterLab(51.7736, -0.7083,
-31.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	688FC9
RGB	104, 143, 201
RGB Percent	41%, 56%, 79%
CMY	0.5921, 0.4392, 0.2118
CMYK	0.48, 0.29, 0.00, 0.21
HSL	216°, 47%, 60%
HSV	216°, 48%, 79%
XYZ	26.0740, 26.8051, 59.0581
YIQ	137.9510, -41.8620, 9.7700

Conversions

Conversions Part 2

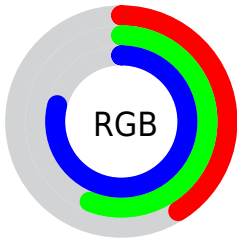
Format	Color
RYB	104, 132, 201
Decimal	6852553
CIELab	58.79, 2.50, -34.15
CIELCh	59, 34.242, 274.182
Yxy	26.8060, 0.2329, 0.2395
Android (android.graphics.Color)	4285042633 (0xFF688FC9)
YUV	137.9510, 31.0832, -29.7750
Hunter-Lab	51.7736, -0.7083, -31.3905

Details

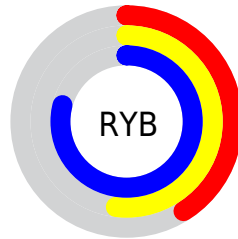
The HunterLab color $51.7736, -0.7083, -31.3905$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $62.6570, 2.9009, 26.2657$, and the grayscale version is $50.2873, -2.6832, 2.7322$.

A 20% lighter version of the original color is $73.9095, -2.5154, -30.3955$, and $32.4648, 0.1107, -30.4058$ is the 20% darker color. If you saturate the color by 10%, you get $47.2501, 1.5734, -40.1968$, and if you desaturate by 10%, it is $56.5329, -2.3306, -23.1594$.

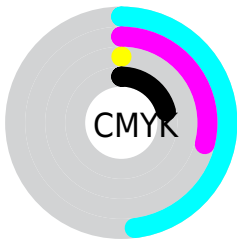
Distribution



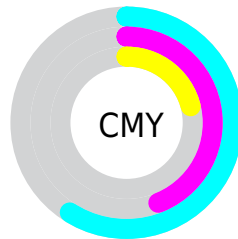
- Red (41%)
- Green (56%)
- Blue (79%)



- Red (41%)
- Yellow (52%)
- Blue (79%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7736, -0.7083, -31.3905 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 51.7736, -0.7083, -31.3905 by changing the saturation by 10% instead.

■ 51.7736, -0.7083,
-31.3905

■ 51.7736, -0.7083,
-31.3905

169.3271, -6.0035,
-35.1267

■ 41.7464, -0.3129,
-30.7687

■ 73.8732, -1.6337,
-32.5553

■ 32.4651, 0.0316,
-30.1674

■ 85.8657, -2.1567,
-33.0735

■ 23.9965, 0.3185,
-29.6703

■ 98.4450, -2.7165,
-33.5418

■ 16.4277, 0.5381,
-29.4844

■ 111.5849, -3.3110,
-33.9589

■ 9.8819, 0.6751,
-30.2175

125.2624, -3.9384,
-34.3249

0.0000, NaN, -NF

0.0000, NaN, -NF

139.4571, -4.5972,

-34.6407

0.0000, NaN, NaN

154.1508, -5.2859,
-34.9075

0.0000, NaN, NaN

■ 51.7736, -0.7083,
-31.3905

■ 51.7736, -0.7083,
-31.3905

■ 47.2501, 1.5734,
-40.1968

■ 56.5329, -2.3306,
-23.1594

■ 42.9951, 4.6236,
-49.6274

■ 61.4954, -3.3939,
-15.4434

■ 39.0515, 8.5461,
-59.6841

■ 66.6376, -3.9850,
-8.1739

■ 35.4652, 13.4111,
-70.2926

■ 71.9395, -4.1770,
-1.2869

■ 32.2680, 19.1665,
-81.3152

■ 77.3842, -4.0302,
5.2751

■ 31.7400, 20.2153,
-83.3113

■ 82.9582, -3.5943,
11.5621

■ 88.6498, -2.9099,
17.6168

■ 93.4341, -5.5283,
22.4115

■ 97.2514, -11.7295,
26.0316

Harmonies

Analogous

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



51.7745, -14.3998, -27.3349



51.7736, -0.7083, -31.3905



51.7745, 13.9167, -24.4004

Triad

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



51.7745, -0.7083, -31.3894



51.7745, 22.4830, 15.6564



51.7745, -25.6286, 13.1247

Complementary

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



51.7736, -0.7083, -31.3905



62.6570, 2.9009, 26.2657

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.



51.7745, -17.5707, 20.3602



51.7736, -0.7083, -31.3905



51.7745, 9.9969, 21.5135

Square

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



51.7745, -0.7083, -31.3894



51.7745, 28.2108, 4.7226



51.7745, -4.7907, 22.9612



51.7745, -27.8275, 0.8387

Rectangle

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



51.7736, -0.7083, -31.3905



51.7745, 21.9414, -15.3099



51.7745, -4.7907, 22.9612



51.7745, -23.5627, 16.1039

Sweetspot

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



51.7745, -0.7083, -31.3894



89.9862, -5.3744, -6.9801



68.7573, -34.6730, 12.8503



40.9335, -2.4513, -4.1508

0.0000, NaN, NaN



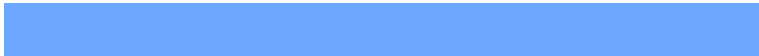
46.2646, -2.4686, 2.5136

Same Dimension

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



51.7745, -0.7083, -31.3894



61.5060, 2.2528, -53.2599



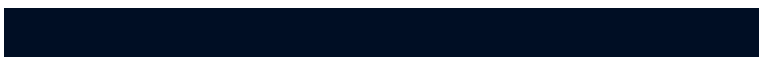
41.9155, 21.1315, -51.9664



33.1297, -1.9381, -0.9475



25.5013, 15.2521, -64.7992



6.7023, 0.9401, -10.4068

Inverse Universe

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



49.2975, 36.8266, -0.2336



58.7964, 59.3536, 0.6158



73.5527, -18.6429, 34.4384



32.7207, 1.6972, 1.2145



28.6295, 50.3870, 7.9720



6.3432, 11.3781, 0.1060

Previews

White Background



This preview shows how the HunterLab color 51.7736, -0.7083, -31.3905 looks on a white background.

Color Contrast Check

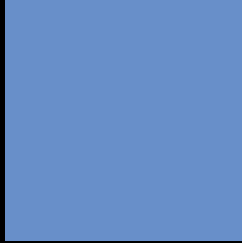
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7736, -0.7083, -31.3905 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 × Fail

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

HunterLab 51.7736, -0.7083, -31.3905 Background



This preview shows how black text looks on a background with the HunterLab color 51.7736, -0.7083, -31.3905.

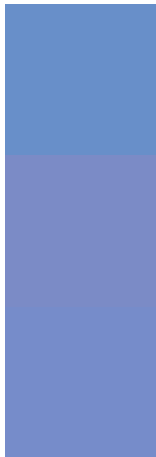


This preview shows how white text looks on a background with the HunterLab color 51.7736, -0.7083, -31.3905.

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

51.7736, -0.7083, -31.3905

Protanopia

51.7237, 4.7114, -29.2870

Deuteranopia

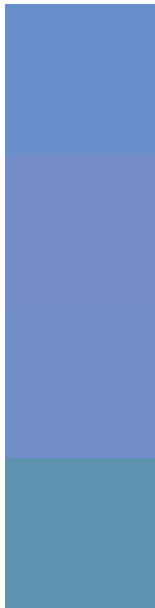
51.8382, 4.0112, -31.8968



Tritanopia

51.6688, -14.9644, -7.6483

Trichromacy



Original Color

51.7736, -0.7083, -31.3905

Protanomaly

51.5681, 2.8317, -30.2982

Deuteranomaly

51.7926, 2.4016, -32.0094

Tritanomaly

51.4673, -9.9724, -15.7780

Monochromacy



Original Color

51.7736, -0.7083, -31.3905

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.7592, -2.9698, -8.1594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7736, -0.7083, -31.3905 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(104, 143, 201)` looks like.

```
.text, #text, p{  
    color:rgb(104, 143, 201)  
}
```

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(104, 143, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 143, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7736, -0.7083, -31.3905 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(104, 143, 201) }
```


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

```
.border{ border-color:rgb(104, 143, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 143, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 143, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 143, 201);  
box-shadow:4px 4px 4px 4px rgb(104, 143,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7736, -0.7083, -31.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 143, 201) }
```

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

```
.background{ background-color: rgb(104,  
143, 201) }
```

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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