

Converting Colors

HunterLab(47.6760, 8.1514,
-52.4541)

Have a look what the booklet for
HunterLab(47.6760, 8.1514,
-52.4541) contains.

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Color

**HunterLab(47.7851, 7.8747,
-51.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	5981D9
RGB	89, 129, 217
RGB Percent	35%, 51%, 85%
CMY	0.6510, 0.4941, 0.1490
CMYK	0.59, 0.41, 0.00, 0.15
HSL	221°, 63%, 60%
HSV	221°, 59%, 85%
XYZ	24.4945, 22.8342, 68.7622
YIQ	127.0720, -52.0880, 18.8880

Conversions

Conversions Part 2

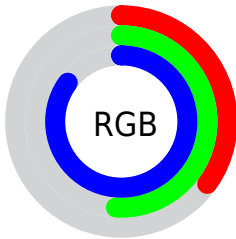
Format	Color
R _Y B	89, 119, 217
Decimal	5865945
CIE Lab	54.90, 12.58, -49.35
CIE LCh	55, 50.924, 284.299
Yxy	22.8349, 0.2110, 0.1967
Android (android.graphics.Color)	4284056025 (0xFF5981D9)
YUV	127.0720, 44.3345, -33.3891
Hunter-Lab	47.7851, 7.8747, -51.8680

Details

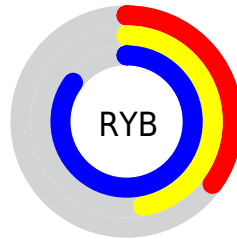
The HunterLab color $47.7851, 7.8747, -51.8680$ is a dark color, and the websafe version is hex $6699FF$. The color can be described as middle muted azure. A complement of this color would be $68.4981, 0.3711, 34.0327$, and the grayscale version is $45.9443, -2.4515, 2.4962$.

A 20% lighter version of the original color is $68.2376, 2.9716, -40.1027$, and $28.9285, 7.4651, -51.1503$ is the 20% darker color. If you saturate the color by 10%, you get $42.7401, 12.4371, -64.5119$, and if you desaturate by 10%, it is $53.1911, 4.2497, -40.3228$.

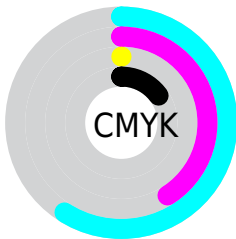
Distribution



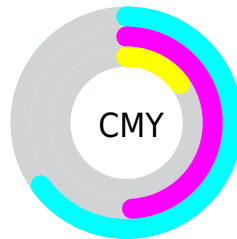
- Red (35%)
- Green (51%)
- Blue (85%)



- Red (35%)
- Yellow (47%)
- Blue (85%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7851, 7.8747, -51.8680 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 47.7851, 7.8747, -51.8680 by changing the saturation by 10% instead.

■ 47.7851, 7.8747,
-51.8680

■ 47.7851, 7.8747,
-51.8680

163.3634, 6.6290,
-57.9899

■ 38.0416, 7.6970,
-51.3734

■ 69.3701, 7.9967,
-53.2407

■ 29.0679, 7.4244,
-51.2055

■ 81.1263, 7.9569,
-53.9871

■ 20.9377, 7.0398,
-51.7211

■ 93.4806, 7.8584,
-54.7295

■ 13.7496, 6.5176,
-53.8098

■ 106.4051, 7.7061,
-55.4516

■ 7.3666, 7.0465,
-63.0324

119.8759, 7.5039,
-56.1435

0.0000, NaN, -NF

0.0000, NaN, -NF

133.8715, 7.2551,

-56.7992

0.0000, NaN, -NF

148.3730, 6.9627,
-57.4153

0.0000, NaN, NaN

■ 47.7851, 7.8747,
-51.8680

■ 47.7851, 7.8747,
-51.8680

■ 42.7401, 12.4371,
-64.5119

■ 53.1911, 4.2497,
-40.3228

■ 38.1263, 18.0707,
-78.2766

■ 58.8979, 1.4101,
-29.7660

■ 34.0314, 24.8303,
-92.9651

■ 64.8611, -0.7810,
-20.0542

■ 30.5291, 32.5245,
-108.1090

■ 71.0455, -2.4395,
-11.0488

■ 30.2006, 33.3236,
-109.6843

■ 77.4234, -3.6597,
-2.6273

■ 83.9725, -4.5171,
5.3139

■ 90.6752, -5.0719,
12.8606

■ 96.7595, -8.0186,
19.2573

■ 98.8887, -11.4583,
21.3751

Harmonies

Analogous

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



47.7859, -13.0323, -51.3869



47.7851, 7.8747, -51.8680



47.7859, 29.1743, -34.0350

Triad

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



47.7859, 7.8752, -51.8668



47.7859, 30.0499, 22.4527



47.7859, -35.6438, 11.9020

Complementary

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



47.7851, 7.8747, -51.8680



68.4981, 0.3711, 34.0327

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.



47.7859, -27.6909, 22.7844



47.7851, 7.8747, -51.8680



47.7859, 8.9168, 26.8211

Square

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



47.7859, 7.8752, -51.8668



47.7859, 43.4021, 11.1771



47.7859, -12.1559, 26.9082



47.7859, -35.8244, -7.9344

Rectangle

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



47.7851, 7.8747, -51.8680



47.7859, 39.7235, -17.3202



47.7859, -12.1559, 26.9082



47.7859, -33.8620, 16.4817

Sweetspot

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



47.7859, 7.8752, -51.8668



85.9081, -3.0670, -12.4116



74.0969, -40.9783, 11.8793



38.7220, -1.1818, -7.1665

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7859, 7.8752, -51.8668



49.7782, 16.6018, -81.7219



39.5367, 33.9278, -73.4881



36.4386, -1.7067, -1.4173



23.8496, 24.9439, -83.6567



7.2100, 3.5456, -16.6657

Inverse Universe

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



48.4590, 48.3600, 5.2953



52.7036, 69.4914, 9.7261



78.5846, -26.8007, 40.8225



36.2191, 1.7831, 1.7244



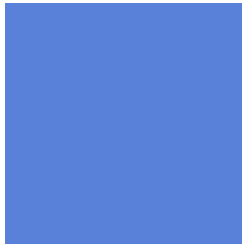
30.3282, 52.8218, 12.7458



7.8177, 13.8056, 1.8148

Previews

White Background



This preview shows how the HunterLab color 47.7851, 7.8747, -51.8680 looks on a white background.

Color Contrast Check

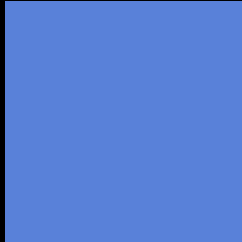
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7851, 7.8747, -51.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

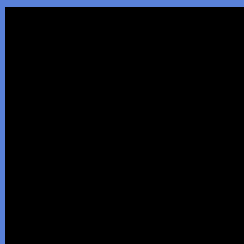
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

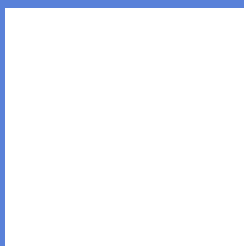
Any Text WCAG AAA × Fail

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

HunterLab 47.7851, 7.8747, -51.8680 Background



This preview shows how black text looks on a background with the HunterLab color 47.7851, 7.8747, -51.8680.



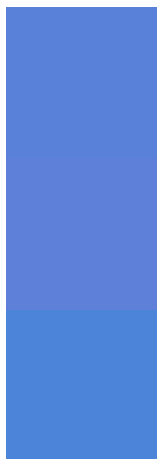
This preview shows how white text looks on a background with the HunterLab color 47.7851, 7.8747, -51.8680.

-51.8680.

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

47.7851, 7.8747, -51.8680

Protanopia

47.7798, 9.1592, -51.0140

Deuteranopia

47.9127, 3.8800, -50.8010



Tritanopia

47.6479, -17.8535, -8.9938

Trichromacy



Original Color

47.7851, 7.8747, -51.8680

Protanomaly

47.6690, 8.8006, -51.2759

Deuteranomaly

47.8497, 5.1190, -50.9239

Tritanomaly

47.3744, -9.2288, -23.0266

Monochromacy



Original Color

47.7851, 7.8747, -51.8680

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.3542, -0.7371, -13.9884

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7851, 7.8747, -51.8680 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(89, 129, 217)` looks like.

```
.text, #text, p{  
    color:rgb(89, 129, 217)  
}
```

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(89, 129, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 129, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7851, 7.8747, -51.8680 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(89, 129, 217) }
```


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

```
.border{ border-color:rgb(89, 129, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 129, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 129, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 129, 217);  
box-shadow:4px 4px 4px 4px rgb(89, 129,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7851, 7.8747, -51.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 129, 217) }
```

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

```
.background{ background-color: rgb(89, 129,  
217) }
```

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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