

Converting Colors

HunterLab(27.4346, 13.8691,
-52.0308)

Have a look what the booklet for
HunterLab(27.4346, 13.8691,
-52.0308) contains.

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Color

**HunterLab(27.4684, 13.7385,
-51.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	2F479D
RGB	47, 71, 157
RGB Percent	18%, 28%, 62%
CMY	0.8157, 0.7216, 0.3843
CMYK	0.70, 0.55, 0.00, 0.38
HSL	227°, 54%, 40%
HSV	227°, 70%, 62%
XYZ	9.5113, 7.5451, 32.8533
YIQ	73.6280, -41.9100, 21.6580

Conversions

Conversions Part 2

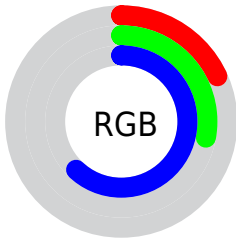
Format	Color
R_{YB}	47, 67, 157
Decimal	3098525
CIE _{Lab}	33.02, 20.85, -49.63
CIE _{LCh}	33, 53.834, 292.791
Yxy	7.5453, 0.1906, 0.1512
Android (android.graphics.Color)	4281288605 (0xFF2F479D)
YUV	73.6280, 41.1024, -23.3528
Hunter-Lab	27.4684, 13.7385, -51.6854

Details

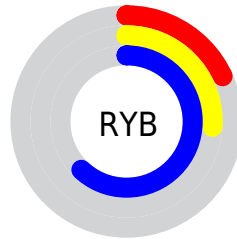
The HunterLab color **27.4684, 13.7385, -51.6854** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **49.1431, -3.1617, 26.9809**, and the grayscale version is **25.9054, -1.3822, 1.4075**.

A 20% lighter version of the original color is **45.9052, 15.1034, -51.8977**, and **13.7792, 14.6092, -48.7598** is the 20% darker color. If you saturate the color by 10%, you get **24.1457, 18.4388, -63.1257**, and if you desaturate by 10%, it is **31.1612, 9.8046, -41.3196**.

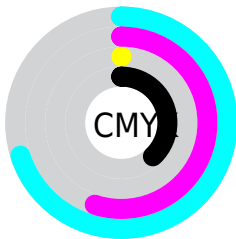
Distribution



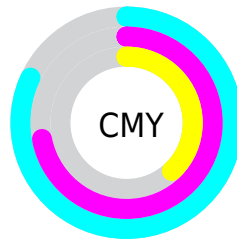
- Red (18%)
- Green (28%)
- Blue (62%)



- Red (18%)
- Yellow (26%)
- Blue (62%)



- Cyan (70%)
- Magenta (55%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (72%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4684, 13.7385, -51.6854 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 27.4684, 13.7385, -51.6854 by changing the saturation by 10% instead.

■ 27.4684, 13.7385,
-51.6854

■ 27.4684, 13.7385,
-51.6854

■ 131.1949, 17.0504,
-57.1178

■ 19.5075, 12.8596,
-52.4325

■ 45.8935, 15.0981,
-52.1843

■ 12.5113, 11.8179,
-55.0869

■ 56.2209, 15.6126,
-52.8107

■ 5.7797, 15.4138,
-74.1236

■ 67.2242, 16.0349,
-53.5239

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 78.8644, 16.3749,
-54.2698

0.0000, NaN, -NF

■ 91.1081, 16.6404,
-55.0172

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9272, 16.8380,

-55.7477

0.0000, NaN, NaN

117.2967, 16.9731,
-56.4501

■ 27.4684, 13.7385,
-51.6854

■ 27.4684, 13.7385,
-51.6854

■ 24.1457, 18.4388,
-63.1257

■ 31.1612, 9.8046,
-41.3196

■ 21.2846, 23.8674,
-75.3223

■ 35.1501, 6.5516,
-32.0312

■ 18.9541, 29.5975,
-87.5836

■ 39.3804, 3.8667,
-23.6917

■ 43.8113, 1.6418,
-16.1432

■ 48.4123, -0.2137,
-9.2380

■ 53.1600, -1.7724,
-2.8508

■ 58.0366, -3.0910,
3.1204

■ 63.0280, -4.2141,
8.7571

■ 68.1229, -5.1762,
14.1239

Harmonies

Analogous

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



27.4688, -5.7958, -57.8461



27.4684, 13.7385, -51.6854



27.4688, 33.0515, -27.9044

Triad

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



27.4688, 13.7393, -51.6846



27.4688, 23.5646, 17.1076



27.4688, -28.6277, 5.4166

Complementary

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



27.4684, 13.7385, -51.6854



49.1431, -3.1617, 26.9809

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.



27.4688, -24.4708, 15.1074



27.4684, 13.7385, -51.6854



27.4688, 3.1474, 18.6973

Square

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



27.4688, 13.7393, -51.6846



27.4688, 39.6934, 11.6496



27.4688, -13.9495, 18.1272



27.4688, -27.1983, -15.1376

Rectangle

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



27.4684, 13.7385, -51.6854



27.4688, 41.5155, -10.5385



27.4688, -13.9495, 18.1272



27.4688, -27.8853, 9.7501

Sweetspot

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



27.4688, 13.7393, -51.6846



63.9472, 0.0229, -13.5619



51.3482, -29.5491, 6.1916



29.2581, 0.2936, -7.4393



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



27.4688, 13.7393, -51.6846



30.0995, 28.6080, -93.4801



24.5322, 30.6309, -61.4399



25.8036, -0.9093, -1.1345



17.2189, 26.2262, -78.1370



3.2833, 1.0284, -6.3238

Inverse Universe

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



31.0752, 37.8627, 8.4374



37.8783, 58.7905, 15.2948



53.7428, -22.8975, 29.7475



25.8238, 1.0469, 1.5108



24.3342, 42.0828, 12.5476



3.3378, 5.9352, 0.4583

Previews

White Background



This preview shows how the HunterLab color 27.4684, 13.7385, -51.6854 looks on a white 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

Black Background



This preview shows how the HunterLab color 27.4684, 13.7385, -51.6854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

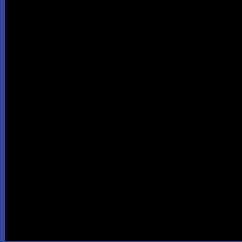
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 27.4684, 13.7385, -51.6854 Background



This preview shows how black text looks on a background with the HunterLab color 27.4684, 13.7385, -51.6854.



This preview shows how white text looks on a background with the HunterLab color 27.4684, 13.7385, -51.6854.

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

27.4684, 13.7385, -51.6854

Tritanopia

27.2549, -13.2497, -5.4639

Trichromacy



Original Color

27.4684, 13.7385, -51.6854



Tritanomaly

26.9536, -5.2752, -19.8293

Monochromacy



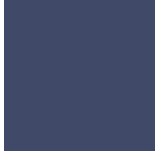
Original Color

27.4684, 13.7385, -51.6854



Achromatopsia

26.1683, -1.3963, 1.4218



Achromatomaly

26.1812, 1.8779, -13.4932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4684, 13.7385, -51.6854 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(47, 71, 157)` looks like.

```
.text, #text, p{  
    color:rgb(47, 71, 157)  
}
```

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(47, 71, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 71, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4684, 13.7385, -51.6854 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(47, 71, 157) }
```

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

```
.border{ border-color:rgb(47, 71, 157) }
```

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

Here you see how a box with a 4 pixel rgb(47, 71, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 71, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 71, 157);  
box-shadow:4px 4px 4px 4px rgb(47, 71,  
157) }
```


Background

The CSS property to change the background color of an element to HunterLab 27.4684, 13.7385, -51.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 71, 157) }
```

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

```
.background{ background-color: rgb(47, 71,  
157) }
```

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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