

Converting Colors

HunterLab(31.0673, 5.9464,
-49.5904)

Have a look what the booklet for
HunterLab(31.0673, 5.9464,
-49.5904) contains.

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Color

**HunterLab(31.1267, 5.8696,
-49.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	1157A6
RGB	17, 87, 166
RGB Percent	7%, 34%, 65%
CMY	0.9333, 0.6588, 0.3490
CMYK	0.90, 0.48, 0.00, 0.35
HSL	212°, 81%, 36%
HSV	212°, 90%, 65%
XYZ	10.5223, 9.6887, 37.3919
YIQ	75.0760, -67.0790, 9.7290

Conversions

Conversions Part 2

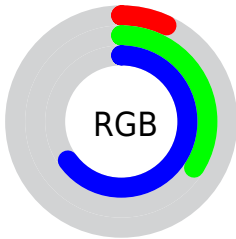
Format	Color
R_{YB}	17, 65, 166
Decimal	1136550
CIE _{Lab}	37.28, 10.44, -48.20
CIE _{LCh}	37, 49.315, 282.219
Yxy	9.6890, 0.1827, 0.1682
Android (android.graphics.Color)	4279326630 (0xFF1157A6)
YUV	75.0760, 44.8255, -50.9327
Hunter-Lab	31.1267, 5.8696, -49.4352

Details

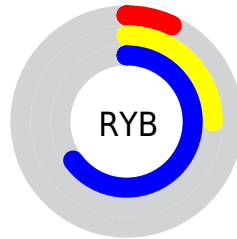
The HunterLab color **31.1267, 5.8696, -49.4352** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **40.6411, 16.7730, 24.5616**, and the grayscale version is **26.4169, -1.4095, 1.4353**.

A 20% lighter version of the original color is **50.1573, 6.1864, -50.6754**, and **17.0880, 10.2554, -43.4970** is the 20% darker color. If you saturate the color by 10%, you get **28.6929, 9.6756, -56.6976**, and if you desaturate by 10%, it is **33.7885, 2.6536, -42.4381**.

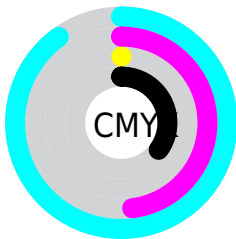
Distribution



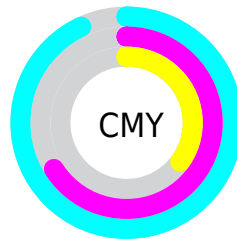
- Red (7%)
- Green (34%)
- Blue (65%)



- Red (7%)
- Yellow (25%)
- Blue (65%)



- Cyan (90%)
- Magenta (48%)
- Yellow (0%)
- Black (35%)



- Cyan (93%)
- Magenta (66%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1267, 5.8696, -49.4352 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 31.1267, 5.8696, -49.4352 by changing the saturation by 10% instead.

■ 31.1267, 5.8696,
-49.4352

■ 31.1267, 5.8696,
-49.4352

■ 137.2726, 4.6774,
-55.1763

■ 22.7887, 5.6427,
-49.6456

■ 50.2084, 6.0453,
-50.3125

■ 15.3658, 5.2944,
-51.0405

■ 60.8291, 6.0181,
-50.9936

■ 8.9764, 4.8452,
-55.6762

■ 72.1081, 5.9260,
-51.7226

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.0092, 5.7755,
-52.4609

0.0000, NaN, -NF

■ 96.5014, 5.5716,
-53.1862

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5578, 5.3184,

-53.8852

0.0000, NaN, NaN

123.1551, 5.0193,
-54.5502

■ 31.1267, 5.8696,
-49.4352

■ 31.1267, 5.8696,
-49.4352

■ 28.6929, 9.6756,
-56.6976

■ 33.7885, 2.6536,
-42.4381

■ 28.6329, 9.7745,
-56.8890

■ 36.6877, 0.1206,
-35.6936

■ 39.8015, -1.7708,
-29.2467

■ 43.1070, -3.0848,
-23.1119

■ 46.5830, -3.8912,
-17.2816

■ 50.2107, -4.2571,
-11.7351

■ 53.9740, -4.2428,
-6.4456

■ 57.8590, -3.9009,
-1.3847

■ 61.8541, -3.2759,
3.4758

Harmonies

Analogous

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



31.1271, -11.3853, -47.5618



31.1267, 5.8696, -49.4352



31.1271, 24.6563, -33.0651

Triad

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



31.1271, 5.8705, -49.4344



31.1271, 27.7520, 16.5397



31.1271, -27.8857, 10.0456

Complementary

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



31.1267, 5.8696, -49.4352



40.6411, 16.7730, 24.5616

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.



31.1271, -21.3836, 17.3958



31.1267, 5.8696, -49.4352



31.1271, 9.4228, 19.4423

Square

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



31.1271, 5.8705, -49.4344



31.1271, 39.0545, 7.7954



31.1271, -8.5410, 19.6312



31.1271, -28.4227, -5.9634

Rectangle

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



31.1267, 5.8696, -49.4352



31.1271, 34.5182, -17.4790



31.1271, -8.5410, 19.6312



31.1271, -26.4059, 13.3190

Sweetspot

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



31.1271, 5.8705, -49.4344



68.7661, -5.7727, -14.1804



53.1036, -39.5266, 20.2087



31.7586, -2.7009, -7.8318



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



31.1271, 5.8705, -49.4344



38.0301, 14.2951, -78.3935



18.1611, 40.5788, -105.8768



28.0354, -1.8735, -0.5609



25.3961, 8.2345, -49.5188



5.0986, -0.7351, -4.7861

Inverse Universe

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



30.3260, 50.8005, 1.9473



39.5841, 70.2031, 6.8649



59.2911, -16.6094, 35.7130



27.5659, 1.4408, 0.8173



25.9271, 46.0809, 3.7310



4.1708, 7.6460, -1.2078

Previews

White Background



This preview shows how the HunterLab color 31.1267, 5.8696, -49.4352 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 31.1267, 5.8696, -49.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

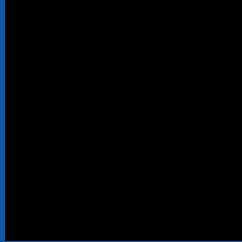
Any Text WCAG AA × Fail

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 31.1267, 5.8696, -49.4352 Background



This preview shows how black text looks on a background with the HunterLab color 31.1267, 5.8696, -49.4352.



This preview shows how white text looks on a background with the HunterLab color 31.1267, 5.8696, -49.4352.

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

31.1267, 5.8696, -49.4352

Protanopia

31.2013, 8.5081, -47.3651

Deuteranopia

30.9501, 1.5395, -42.0082



Tritanopia

30.9012, -14.9509, -6.3491

Trichromacy



Original Color

31.1267, 5.8696, -49.4352

Protanomaly

31.1922, 7.2890, -48.3152

Deuteranomaly

30.9132, 3.1247, -44.6835

Tritanomaly

30.6590, -8.1230, -20.0795

Monochromacy



Original Color

31.1267, 5.8696, -49.4352

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.3111, -1.8863, -14.0036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1267, 5.8696, -49.4352 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(17, 87, 166)` looks like.

```
.text, #text, p{  
    color:rgb(17, 87, 166)  
}
```

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(17, 87, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 87, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1267, 5.8696, -49.4352 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(17, 87, 166) }
```


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

```
.border{ border-color:rgb(17, 87, 166) }
```

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

Here you see how a box with a 4 pixel rgb(17, 87, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 87, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 87, 166);  
box-shadow:4px 4px 4px 4px rgb(17, 87,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1267, 5.8696, -49.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 87, 166) }
```

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

```
.background{ background-color: rgb(17, 87,  
166) }
```

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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