

Converting Colors

HunterLab(31.1651, -1.8611,
-16.8441)

Have a look what the booklet for
HunterLab(31.1651, -1.8611,
-16.8441) contains.

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Color

**HunterLab(31.2917, -1.8188,
-16.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5A7C
RGB	62, 90, 124
RGB Percent	24%, 35%, 49%
CMY	0.7569, 0.6471, 0.5137
CMYK	0.50, 0.27, 0.00, 0.51
HSL	213°, 33%, 36%
HSV	213°, 50%, 49%
XYZ	9.2809, 9.7917, 20.4696
YIQ	85.5040, -27.6020, 4.6380

Conversions

Conversions Part 2

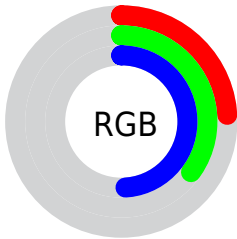
Format	Color
R _Y B	62, 81, 124
Decimal	4086396
CIE Lab	37.47, -0.21, -22.39
CIE LCh	37, 22.390, 269.453
Yxy	9.7921, 0.2347, 0.2476
Android (android.graphics.Color)	4282276476 (0xFF3E5A7C)
YUV	85.5040, 18.9785, -20.6130
Hunter-Lab	31.2917, -1.8188, -16.8807

Details

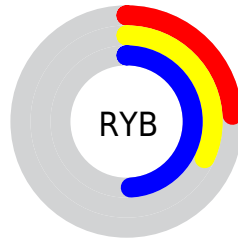
The HunterLab color **31.2917, -1.8188, -16.8807** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **36.0542, 3.0731, 14.7750**, and the grayscale version is **30.2648, -1.6149, 1.6443**.

A 20% lighter version of the original color is **50.4393, -2.8963, -17.8640**, and **15.5676, -1.0604, -15.7780** is the 20% darker color. If you saturate the color by 10%, you get **28.8803, -0.8309, -21.3665**, and if you desaturate by 10%, it is **33.8229, -2.4589, -12.6285**.

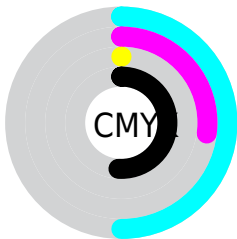
Distribution



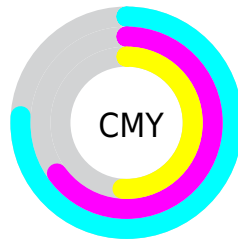
- Red (24%)
- Green (35%)
- Blue (49%)



- Red (24%)
- Yellow (32%)
- Blue (49%)



- Cyan (50%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2917, -1.8188, -16.8807 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 31.2917, -1.8188, -16.8807 by changing the saturation by 10% instead.

■ 31.2917, -1.8188,
-16.8807

■ 31.2917, -1.8188,
-16.8807

■ 137.5433, -7.5881,
-18.8723

■ 22.9375, -1.3581,
-16.3825

■ 50.4020, -2.8650,
-17.7396

■ 15.4964, -0.9443,
-15.9046

■ 61.0355, -3.4443,
-18.0778

■ 9.0918, -0.5880,
-15.6697

■ 72.3266, -4.0581,
-18.3532

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.2390, -4.7046,
-18.5677

0.0000, NaN, NaN

■ 96.7420, -5.3821,
-18.7240

0.0000, NaN, NaN

■ 109.8089, -6.0893,

0.0000, NaN, NaN

-18.8251

0.0000, NaN, NaN

123.4162, -6.8249,
-18.8736

■ 31.2917, -1.8188,
-16.8807

■ 31.2917, -1.8188,
-16.8807

■ 28.8803, -0.8309,
-21.3665

■ 33.8229, -2.4589,
-12.6285

■ 26.6020, 0.5544,
-26.0988

■ 36.4591, -2.7978,
-8.5932

■ 24.4745, 2.3843,
-31.0722

■ 39.1894, -2.8771,
-4.7516

■ 22.5153, 4.6932,
-36.2589

■ 42.0044, -2.7328,
-1.0812

■ 20.6971, 7.3537,
-41.7437

■ 44.8959, -2.3954,
2.4399

■ 20.6968, 7.3542,
-41.7448

■ 47.8569, -1.8907,
5.8315

■ 50.8816, -1.2402,
9.1110

■ 53.9649, -0.4619,
12.2941

■ 57.1024, 0.4288,
15.3942

Harmonies

Analogous

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



31.2923, -9.1538, -13.8101



31.2917, -1.8188, -16.8807



31.2923, 6.3066, -14.0159

Triad

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



31.2923, -1.8188, -16.8800



31.2923, 12.9745, 8.1112



31.2923, -13.9137, 8.2990

Complementary

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



31.2917, -1.8188, -16.8807



36.0542, 3.0731, 14.7750

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.



31.2923, -8.9223, 12.0010



31.2917, -1.8188, -16.8807



31.2923, 6.5877, 11.9134

Square

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



31.2923, -1.8188, -16.8800



31.2923, 15.3536, 1.5626



31.2923, -1.5236, 13.1369



31.2923, -15.6899, 1.8434

Rectangle

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



31.2917, -1.8188, -16.8807



31.2923, 10.9762, -9.4558



31.2923, -1.5236, 13.1369



31.2923, -12.5828, 9.8408

Sweetspot

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



31.2923, -1.8188, -16.8800



53.7071, -3.7621, -4.0167



40.3326, -20.7345, 8.5506



25.7495, -1.8392, -2.3629



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



31.2923, -1.8188, -16.8800



37.8690, -0.8740, -29.2189



24.4809, 11.6966, -30.8933



20.4058, -1.3076, -0.3588



20.8553, 7.4407, -42.1296



43.6960, 20.1857, -98.1913

Inverse Universe

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



29.1014, 21.9449, -1.3915



35.0930, 36.1014, -1.6149



43.4696, -9.9846, 20.3943



20.1056, 0.9186, 0.6618



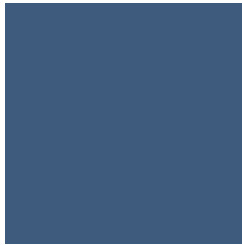
21.5545, 38.2568, 3.5083



46.8985, 82.9059, 10.2209

Previews

White Background



This preview shows how the HunterLab color 31.2917, -1.8188, -16.8807 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 31.2917, -1.8188, -16.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

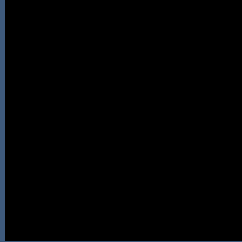
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

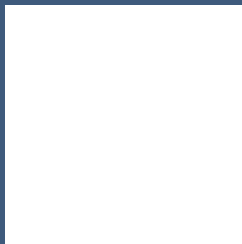
Any Text WCAG AAA × Fail

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

HunterLab 31.2917, -1.8188, -16.8807 Background



This preview shows how black text looks on a background with the HunterLab color 31.2917, -1.8188, -16.8807.

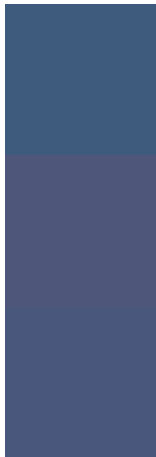


This preview shows how white text looks on a background with the HunterLab color 31.2917, -1.8188, -16.8807.

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

31.2917, -1.8188, -16.8807

Protanopia

31.3314, 2.1489, -14.8872

Deuteranopia

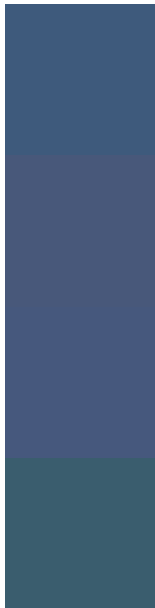
31.2296, 2.1276, -17.5543



Tritanopia

31.2681, -9.1836, -4.7292

Trichromacy



Original Color

31.2917, -1.8188, -16.8807

Protanomaly

31.2447, 0.5951, -15.6761

Deuteranomaly

31.2445, 0.8363, -17.5502

Tritanomaly

31.3911, -6.7501, -8.6377

Monochromacy



Original Color

31.2917, -1.8188, -16.8807

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.5193, -2.1209, -4.6537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2917, -1.8188, -16.8807 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(62, 90, 124)` looks like.

```
.text, #text, p{  
    color:rgb(62, 90, 124)  
}
```

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(62, 90, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 90, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2917, -1.8188, -16.8807 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(62, 90, 124) }
```


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

```
.border{ border-color:rgb(62, 90, 124) }
```

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

Here you see how a box with a 4 pixel rgb(62, 90, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 90, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 90, 124);  
box-shadow:4px 4px 4px 4px rgb(62, 90,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2917, -1.8188, -16.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 90, 124) }
```

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

```
.background{ background-color: rgb(62, 90,  
124) }
```

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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