

Converting Colors

HunterLab(36.4319, -6.3652,
-31.7959)

Have a look what the booklet for
HunterLab(36.4319, -6.3652,
-31.7959) contains.

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Color

**HunterLab(36.4187, -6.3492,
-31.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	006CA0
RGB	0, 108, 160
RGB Percent	0%, 42%, 63%
CMY	0.9999, 0.5765, 0.3725
CMYK	1.00, 0.32, 0.00, 0.37
HSL	200°, 100%, 31%
HSV	200°, 100%, 63%
XYZ	11.7078, 13.2632, 35.2008
YIQ	81.6360, -81.0600, -6.7240

Conversions

Conversions Part 2

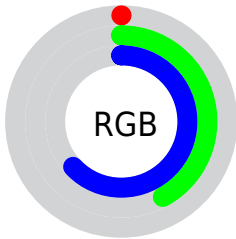
Format	Color
RYB	0, 64, 160
Decimal	27808
CIELab	43.16, -6.21, -35.27
CIELCh	43, 35.812, 260.018
Yxy	13.2636, 0.1946, 0.2204
Android (android.graphics.Color)	4278217888 (0xFF006CA0)
YUV	81.6360, 38.6335, -71.5948
Hunter-Lab	36.4187, -6.3492, -31.8141

Details

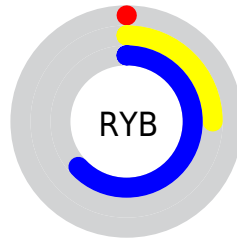
The HunterLab color **36.4187, -6.3492, -31.8141** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **31.5152, 33.9233, 20.0119**, and the grayscale version is **28.8041, -1.5369, 1.5650**.

A 20% lighter version of the original color is **56.2859, -8.1128, -33.1802**, and **21.0243, 0.3565, -27.0481** is the 20% darker color. If you saturate the color by 10%, you get **36.4165, -6.3456, -31.8191**, and if you desaturate by 10%, it is **38.0840, -8.1199, -28.4519**.

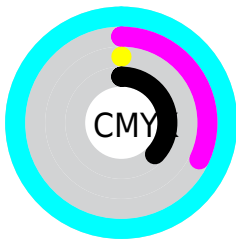
Distribution



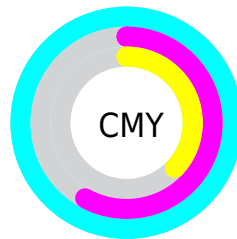
- Red (0%)
- Green (42%)
- Blue (63%)



- Red (0%)
- Yellow (25%)
- Blue (63%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4187, -6.3492, -31.8141 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 36.4187, -6.3492, -31.8141 by changing the saturation by 10% instead.

36.4187, -6.3492,
-31.8141

36.4187, -6.3492,
-31.8141

145.8083,
-14.8840, -36.3455

27.5869, -5.4675,
-31.2667

56.3708, -8.1362,
-33.0636

19.6129, -4.5854,
-30.9469

67.3833, -9.0497,
-33.6695

12.6022, -3.6872,
-31.2594

79.0321, -9.9788,
-34.2369

5.9126, -4.8905,
-39.3459

91.2842, -10.9247,
-34.7584

0.0000, NaN, -NF

0.0000, NaN, -NF

104.1111,
-11.8878, -35.2304

0.0000, NaN, NaN

117.4882,

0.0000, NaN, NaN

-12.8686, -35.6521

0.0000, NaN, NaN

131.3937,
-13.8673, -36.0235

■ 36.4187, -6.3492,
-31.8141

■ 36.4187, -6.3492,
-31.8141

■ 36.4165, -6.3456,
-31.8191

■ 38.0840, -8.1199,
-28.4519

■ 39.8717, -9.4826,
-25.0526

■ 41.8130, -10.3181,
-21.5749

■ 43.9068, -10.6277,
-18.0413

■ 46.1481, -10.4328,
-14.4756

■ 48.5298, -9.7659,
-10.8993

■ 51.0438, -8.6654,
-7.3297

■ 53.6816, -7.1717,
-3.7799

■ 56.4349, -5.3240,
-0.2590

Harmonies

Analogous

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



36.4193, -17.2086, -22.5565



36.4187, -6.3492, -31.8141



36.4193, 7.4018, -29.8063

Triad

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



36.4193, -6.3487, -31.8133



36.4193, 25.8849, 9.4818



36.4193, -19.8235, 14.5749

Complementary

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



36.4187, -6.3492, -31.8141



31.5152, 33.9233, 20.0119

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.



36.4193, -10.4353, 18.4189



36.4187, -6.3492, -31.8141



36.4193, 16.3372, 16.3110

Square

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



36.4193, -6.3487, -31.8133



36.4193, 27.4038, -2.5767



36.4193, 2.6780, 18.9105



36.4193, -24.2015, 6.0190

Rectangle

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



36.4187, -6.3492, -31.8141



36.4193, 16.3523, -22.5402



36.4193, 2.6780, 18.9105



36.4193, -17.2191, 16.3055

Sweetspot

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



36.4193, -6.3487, -31.8133



68.5739, -11.7802, -10.1625



50.3769, -41.5231, 26.6716



31.4801, -5.8159, -5.6471



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



36.4193, -6.3487, -31.8133



48.6797, -7.9464, -43.6914



18.5325, 33.0034, -94.4035



26.7314, -2.4413, 0.0010



32.2690, -5.7974, -27.8186



5.0944, -1.8912, -2.2851

Inverse Universe

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



29.2523, 53.7916, -9.7894



39.3661, 72.3107, -12.5075



48.5988, -2.1503, 29.9078



25.9188, 1.5579, 0.1564



25.8329, 47.5361, -8.8610



3.5599, 6.7321, -2.6276

Previews

White Background



This preview shows how the HunterLab color 36.4187, -6.3492, -31.8141 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 × Fail

Black Background



This preview shows how the HunterLab color 36.4187, -6.3492, -31.8141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

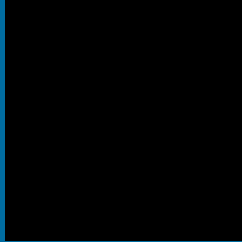
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 36.4187, -6.3492, -31.8141 Background



This preview shows how black text looks on a background with the HunterLab color 36.4187, -6.3492, -31.8141.



This preview shows how white text looks on a background with the HunterLab color 36.4187, -6.3492, -31.8141.

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

36.4187, -6.3492, -31.8141

Protanopia

36.4050, 4.3189, -26.5736

Deuteranopia

36.4759, 2.5656, -32.2864



Tritanopia

36.3190, -17.5741, -7.4582

Trichromacy



Original Color

36.4187, -6.3492, -31.8141

Protanomaly

35.8576, -1.4256, -29.9359

Deuteranomaly

36.0381, -1.7493, -33.2975

Tritanomaly

36.2190, -13.8157, -15.4464

Monochromacy



Original Color

36.4187, -6.3492, -31.8141

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.5582, -6.9114, -9.9132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4187, -6.3492, -31.8141 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(0, 108, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 160)  
}
```

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(0, 108, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4187, -6.3492, -31.8141 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(0, 108, 160) }
```


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

```
.border{ border-color:rgb(0, 108, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4187, -6.3492, -31.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 160) }
```

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

```
.background{ background-color: rgb(0, 108,  
160) }
```

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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