

Converting Colors

HunterLab(36.2853, -11.6664,
-18.9522)

Have a look what the booklet for
HunterLab(36.2853, -11.6664,
-18.9522) contains.

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Color

**HunterLab(36.2672,
-11.6151, -19.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	0C6E8D
RGB	12, 110, 141
RGB Percent	5%, 43%, 55%
CMY	0.9529, 0.5686, 0.4471
CMYK	0.91, 0.22, 0.00, 0.45
HSL	194°, 84%, 30%
HSV	194°, 91%, 55%
XYZ	10.5353, 13.1531, 27.1828
YIQ	84.2320, -68.3590, -11.1350

Conversions

Conversions Part 2

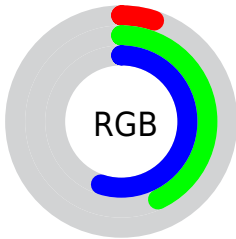
Format	Color
R_{YB}	12, 68, 141
Decimal	814733
CIE _{Lab}	42.99, -14.10, -24.22
CIE _{LCh}	43, 28.025, 239.797
Yxy	13.1536, 0.2071, 0.2586
Android (android.graphics.Color)	4279004813 (0xFF0C6E8D)
YUV	84.2320, 27.9866, -63.3475
Hunter-Lab	36.2672, -11.6151, -19.0517

Details

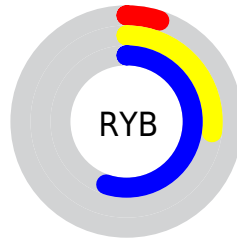
The HunterLab color **36.2672, -11.6151, -19.0517** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.2368, 30.4262, 16.5574**, and the grayscale version is **29.7811, -1.5890, 1.6181**.

A 20% lighter version of the original color is **56.3135, -14.4963, -19.9124**, and **20.4953, -4.4179, -16.0804** is the 20% darker color. If you saturate the color by 10%, you get **35.3016, -10.8230, -20.7601**, and if you desaturate by 10%, it is **37.4724, -12.2941, -16.9965**.

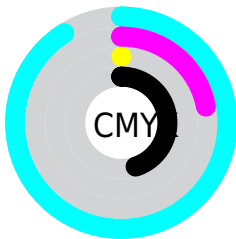
Distribution



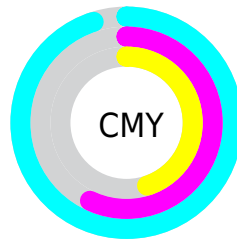
- Red (5%)
- Green (43%)
- Blue (55%)



- Red (5%)
- Yellow (27%)
- Blue (55%)



- Cyan (91%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2672, -11.6151, -19.0517 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 36.2672, -11.6151, -19.0517 by changing the saturation by 10% instead.

36.2672, -11.6151,
-19.0517

36.2672, -11.6151,
-19.0517

145.5677,
-23.6856, -21.2426

27.4488, -10.1843,
-18.5369

56.1955, -14.3610,
-19.9419

19.4897, -8.6834,
-18.0249

67.1973, -15.7032,
-20.2991

12.4959, -7.0635,
-17.6446

78.8360, -17.0354,
-20.5957

5.7569, -10.0746,
-21.8860

91.0783, -18.3628,
-20.8334

0.0000, NaN, -NF

0.0000, NaN, NaN

103.8960,
-19.6890, -21.0144

0.0000, NaN, NaN

117.2643,

0.0000, NaN, NaN

-21.0168, -21.1413

0.0000, NaN, NaN

131.1613,
-22.3485, -21.2165

■ 36.2672, -11.6151,
-19.0517

■ 36.2672, -11.6151,
-19.0517

■ 35.3016, -10.8230,
-20.7601

■ 37.4724, -12.2941,
-16.9965

■ 38.7940, -12.5508,
-14.8282

■ 40.2362, -12.3736,
-12.5559

■ 41.7990, -11.7684,
-10.1941

■ 43.4798, -10.7526,
-7.7588

■ 45.2746, -9.3510,
-5.2661

■ 47.1785, -7.5927,
-2.7304

■ 49.1860, -5.5082,
-0.1644

■ 51.2912, -3.1283,
2.4213

Harmonies

Analogous

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



36.2678, -17.9573, -9.0199



36.2672, -11.6151, -19.0517



36.2678, -2.0092, -23.2012

Triad

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



36.2678, -11.6149, -19.0510



36.2678, 20.7320, 1.9055



36.2678, -11.5034, 15.0732

Complementary

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



36.2672, -11.6151, -19.0517



27.2368, 30.4262, 16.5574

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.



36.2678, -1.8650, 16.4847



36.2672, -11.6151, -19.0517



36.2678, 17.4602, 10.3347

Square

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



36.2678, -11.6149, -19.0510



36.2678, 17.3737, -9.1737



36.2678, 8.8756, 15.0334



36.2678, -17.8984, 10.4230

Rectangle

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



36.2672, -11.6151, -19.0517



36.2678, 5.2138, -21.3641



36.2678, 8.8756, 15.0334



36.2678, -8.5736, 15.8709

Sweetspot

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



36.2678, -11.6149, -19.0510



61.5631, -11.6513, -5.7306



43.9275, -35.8444, 23.4693



28.7458, -5.8172, -3.1783



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



36.2678, -11.6149, -19.0510



46.9539, -14.0780, -28.2979



19.9697, 18.2631, -62.1923



24.2893, -2.4403, 0.2080



33.7463, -10.3873, -19.7567



3.7805, -1.6586, -1.1448

Inverse Universe

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



26.5556, 47.1674, -15.7478



34.6684, 64.7875, -19.5880



40.1531, 2.0502, 24.2635



23.4290, 1.4480, -0.0692



24.7709, 46.3473, -14.4301



2.4920, 4.7787, -2.3512

Previews

White Background



This preview shows how the HunterLab color 36.2672, -11.6151, -19.0517 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 36.2672, -11.6151, -19.0517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

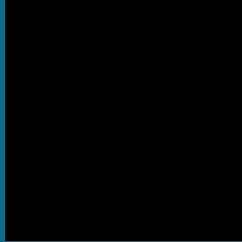
Any Text WCAG AA × Fail

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 36.2672, -11.6151, -19.0517 Background



This preview shows how black text looks on a background with the HunterLab color 36.2672, -11.6151, -19.0517.



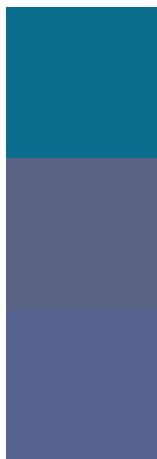
This preview shows how white text looks on a background with the HunterLab color 36.2672, -11.6151, -19.0517.

-11.6151, -19.0517.

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

36.2672, -11.6151, -19.0517

Protanopia

36.1706, 1.8647, -14.0531

Deuteranopia

36.1607, 2.6325, -20.2802



Tritanopia

36.3190, -17.5741, -7.4582

Trichromacy



Original Color

36.2672, -11.6151, -19.0517

Protanomaly

35.6861, -5.2076, -16.8006

Deuteranomaly

35.7539, -4.4750, -20.4843

Tritanomaly

36.2942, -15.6095, -11.2704

Monochromacy



Original Color

36.2672, -11.6151, -19.0517

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.2220, -7.7064, -6.2751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2672, -11.6151, -19.0517 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(12, 110, 141)` looks like.

```
.text, #text, p{  
    color:rgb(12, 110, 141)  
}
```

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(12, 110, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 110, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2672, -11.6151, -19.0517 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(12, 110, 141) }
```


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

```
.border{ border-color:rgb(12, 110, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 110, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 110, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 110, 141);  
box-shadow:4px 4px 4px 4px rgb(12, 110,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2672, -11.6151, -19.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 110, 141) }
```

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

```
.background{ background-color: rgb(12, 110,  
141) }
```

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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