

Converting Colors

HunterLab(37.0327, -11.9436,
-20.5048)

Have a look what the booklet for
HunterLab(37.0327, -11.9436,
-20.5048) contains.

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Color

**HunterLab(36.9225,
-11.8945, -20.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	007091
RGB	0, 112, 145
RGB Percent	0%, 44%, 57%
CMY	0.9999, 0.5608, 0.4314
CMYK	1.00, 0.23, 0.00, 0.43
HSL	194°, 100%, 28%
HSV	194°, 100%, 57%
XYZ	10.9050, 13.6327, 28.8447
YIQ	82.2740, -77.3450, -13.4810

Conversions

Conversions Part 2

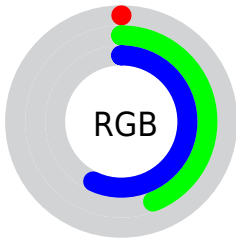
Format	Color
RYB	0, 63, 145
Decimal	28817
CIELab	43.70, -14.37, -25.52
CIELCh	44, 29.286, 240.604
Yxy	13.6332, 0.2043, 0.2554
Android (android.graphics.Color)	4278218897 (0xFF007091)
YUV	82.2740, 30.9239, -72.1543
Hunter-Lab	36.9225, -11.8945, -20.4730

Details

The HunterLab color **36.9225, -11.8945, -20.4730** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26.6623, 35.1638, 17.0434**, and the grayscale version is **29.0613, -1.5506, 1.5790**.

A 20% lighter version of the original color is **57.0206, -14.7894, -21.3065**, and **21.1541, -4.5011, -16.7242** is the 20% darker color. If you saturate the color by 10%, you get **36.9214, -11.8928, -20.4754**, and if you desaturate by 10%, it is **38.0426, -12.7775, -18.5321**.

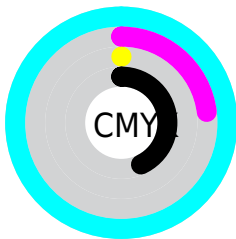
Distribution



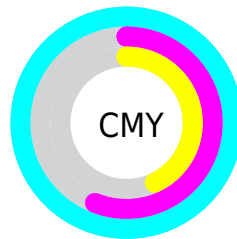
- Red (0%)
- Green (44%)
- Blue (57%)



- Red (0%)
- Yellow (25%)
- Blue (57%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9225, -11.8945, -20.4730 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 36.9225, -11.8945, -20.4730 by changing the saturation by 10% instead.

■ 36.9225, -11.8945,
-20.4730

■ 36.9225, -11.8945,
-20.4730

■ 146.6072,
-24.0858, -22.9541

■ 28.0464, -10.4478,
-19.9397

■ 56.9532, -14.6706,
-21.4182

■ 20.0233, -8.9311,
-19.4221

■ 68.0014, -16.0271,
-21.8072

■ 12.9567, -7.2962,
-19.0609

■ 79.6838, -17.3731,
-22.1370

■ 6.4020, -10.1259,
-22.0491

■ 91.9678, -18.7138,
-22.4085

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.8253,
-20.0529, -22.6236

0.0000, NaN, NaN

■ 118.2317,

0.0000, NaN, NaN

-21.3932, -22.7847

0.0000, NaN, NaN

132.1654,
-22.7369, -22.8941

■ 36.9225, -11.8945,
-20.4730

■ 36.9225, -11.8945,
-20.4730

■ 36.9214, -11.8928,
-20.4754

■ 38.0426, -12.7775,
-18.5321

■ 39.2493, -13.3489,
-16.5149

■ 40.5765, -13.4827,
-14.3759

■ 42.0278, -13.1683,
-12.1245

■ 43.6032, -12.4121,
-9.7751

■ 45.3003, -11.2321,
-7.3440

■ 47.1153, -9.6540,
-4.8473

■ 49.0432, -7.7073,
-2.3001

■ 51.0785, -5.4238,
0.2845

Harmonies

Analogous

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



36.9231, -18.6358, -9.9205



36.9225, -11.8945, -20.4730



36.9231, -1.7463, -24.6703

Triad

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



36.9231, -11.8942, -20.4723



36.9231, 21.9396, 2.2237



36.9231, -12.2416, 15.5827

Complementary

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



36.9225, -11.8945, -20.4730



26.6623, 35.1638, 17.0434

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.



36.9231, -2.1974, 17.1148



36.9225, -11.8945, -20.4730



36.9231, 18.2977, 10.9397

Square

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



36.9231, -11.8942, -20.4723



36.9231, 18.5698, -9.4357



36.9231, 9.1228, 15.7046



36.9231, -18.8190, 10.6663

Rectangle

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



36.9225, -11.8945, -20.4730



36.9231, 5.8596, -22.5552



36.9231, 9.1228, 15.7046



36.9231, -9.2010, 16.4320

Sweetspot

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



36.9231, -11.8942, -20.4723



62.8903, -13.0697, -6.7033



45.1137, -37.8830, 25.3922



29.2266, -6.5603, -3.7555



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



36.9231, -11.8942, -20.4723



49.1340, -15.5314, -27.8854



19.0717, 21.9160, -71.1441



24.3126, -2.4778, 0.2358



34.2525, -11.0956, -18.8605



3.8083, -1.6941, -1.1030

Inverse Universe

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



26.8145, 50.2787, -16.4925



35.8441, 67.1520, -21.5502



39.8812, 4.5952, 24.6541



23.4314, 1.4611, -0.1038



24.8409, 46.5960, -15.3834



2.4963, 4.7937, -2.4079

Previews

White Background



This preview shows how the HunterLab color 36.9225, -11.8945, -20.4730 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 36.9225, -11.8945, -20.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

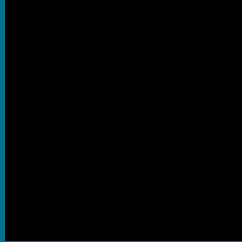
Any Text WCAG AA × Fail

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 36.9225, -11.8945, -20.4730 Background



This preview shows how black text looks on a background with the HunterLab color 36.9225, -11.8945, -20.4730.



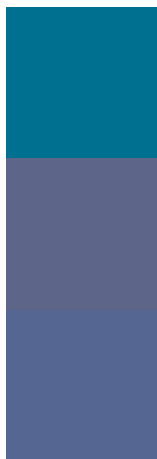
This preview shows how white text looks on a background with the HunterLab color 36.9225, -11.8945, -20.4730.

-11.8945, -20.4730.

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

36.9225, -11.8945, -20.4730

Protanopia

36.9270, 1.9928, -15.2104

Deuteranopia

36.8616, 2.5871, -21.6400



Tritanopia

37.0021, -17.9319, -7.5396

Trichromacy



Original Color

36.9225, -11.8945, -20.4730

Protanomaly

36.2372, -5.8251, -18.3676

Deuteranomaly

36.3258, -5.0072, -22.0895

Tritanomaly

36.9775, -15.8873, -11.9224

Monochromacy



Original Color

36.9225, -11.8945, -20.4730

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.9495, -8.7120, -6.6842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9225, -11.8945, -20.4730 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, 112, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 145)  
}
```

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, 112, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9225, -11.8945, -20.4730 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, 112, 145) }
```


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

```
.border{ border-color:rgb(0, 112, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9225, -11.8945, -20.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 145) }
```

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

```
.background{ background-color: rgb(0, 112,  
145) }
```

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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