

Converting Colors

HunterLab(37.3648, -11.5230,
-21.6347)

Have a look what the booklet for
HunterLab(37.3648, -11.5230,
-21.6347) contains.

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Color

**HunterLab(37.3648,
-11.5230, -21.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	027194
RGB	2, 113, 148
RGB Percent	1%, 44%, 58%
CMY	0.9921, 0.5569, 0.4196
CMYK	0.99, 0.24, 0.00, 0.42
HSL	194°, 97%, 29%
HSV	194°, 99%, 58%
XYZ	11.2755, 13.9613, 30.1175
YIQ	83.8010, -77.3910, -12.6470

Conversions

Conversions Part 2

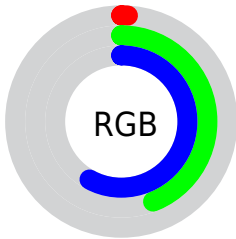
Format	Color
R_{YB}	2, 65, 148
Decimal	160148
CIE _{Lab}	44.18, -13.71, -26.56
CIE _{LCh}	44, 29.885, 242.703
Yxy	13.9618, 0.2037, 0.2522
Android (android.graphics.Color)	4278350228 (0xFF027194)
YUV	83.8010, 31.6501, -71.7395
Hunter-Lab	37.3648, -11.5230, -21.6347

Details

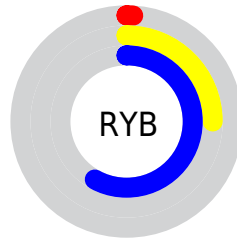
The HunterLab color **37.3648, -11.5230, -21.6347** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.6132, 34.9770, 17.5028**, and the grayscale version is **29.6140, -1.5801, 1.6090**.

A 20% lighter version of the original color is **57.4973, -14.4023, -22.4419**, and **21.5492, -4.1802, -17.9108** is the 20% darker color. If you saturate the color by 10%, you get **37.2032, -11.3843, -21.9254**, and if you desaturate by 10%, it is **38.5663, -12.4950, -19.5268**.

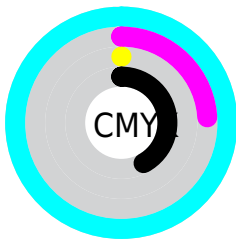
Distribution



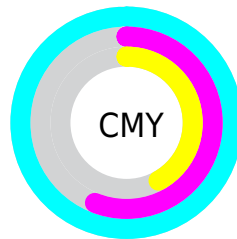
- Red (1%)
- Green (44%)
- Blue (58%)



- Red (1%)
- Yellow (25%)
- Blue (58%)



- Cyan (99%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)



- Cyan (99%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3648, -11.5230, -21.6347 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 37.3648, -11.5230, -21.6347 by changing the saturation by 10% instead.

37.3648, -11.5230,
-21.6347

37.3648, -11.5230,
-21.6347

147.3068,
-23.4081, -24.3460

28.4501, -10.1261,
-21.0882

57.4640, -14.2141,
-22.6224

20.3843, -8.6668,
-20.5687

68.5432, -15.5332,
-23.0365

13.2693, -7.1012,
-20.2283

80.2549, -16.8443,
-23.3926

6.8010, -9.1444,
-22.6329

92.5669, -18.1521,
-23.6911

0.0000, NaN, -NF

0.0000, NaN, NaN

105.4510,
-19.4601, -23.9335

0.0000, NaN, NaN

118.8830,

0.0000, NaN, NaN

-20.7709, -24.1220

0.0000, NaN, NaN

132.8413,
-22.0864, -24.2588

■ 37.3648, -11.5230,
-21.6347

■ 37.3648, -11.5230,
-21.6347

■ 37.2032, -11.3843,
-21.9254

■ 38.5663, -12.4950,
-19.5268

■ 39.8695, -13.1020,
-17.3264

■ 41.2986, -13.2547,
-15.0068

■ 42.8562, -12.9460,
-12.5797

■ 44.5414, -12.1860,
-10.0615

■ 46.3512, -10.9956,
-7.4693

■ 48.2809, -9.4028,
-4.8199

■ 50.3251, -7.4391,
-2.1284

■ 52.4778, -5.1376,
0.5924

Harmonies

Analogous

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



37.3654, -18.7039, -11.0710



37.3648, -11.5230, -21.6347



37.3654, -0.9568, -25.3512

Triad

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



37.3654, -11.5227, -21.6340



37.3654, 22.5066, 3.0036



37.3654, -13.1124, 15.6657

Complementary

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



37.3648, -11.5230, -21.6347



27.6132, 34.9770, 17.5028

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.



37.3654, -3.0235, 17.4385



37.3648, -11.5230, -21.6347



37.3654, 18.2875, 11.6338

Square

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



37.3654, -11.5227, -21.6340



37.3654, 19.5371, -8.8432



37.3654, 8.5931, 16.2199



37.3654, -19.5415, 10.3857

Rectangle

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



37.3648, -11.5230, -21.6347



37.3654, 6.8427, -22.7565



37.3654, 8.5931, 16.2199



37.3654, -10.0820, 16.6057

Sweetspot

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



37.3654, -11.5227, -21.6340



63.6164, -12.9461, -7.0992



46.1746, -38.5333, 25.6262



29.9227, -6.5833, -4.0372



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



37.3654, -11.5227, -21.6340



49.1373, -14.7259, -29.6283



19.3226, 23.1083, -73.6579



25.1575, -2.5358, 0.2100



34.4463, -10.6100, -20.1509



4.3668, -1.9171, -1.3196

Inverse Universe

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



27.4448, 50.9330, -15.9484



36.2841, 67.8055, -20.4901



41.5371, 3.3751, 25.5711



24.2604, 1.5173, -0.0817



25.2808, 47.3028, -14.7390



2.8777, 5.5187, -2.7179

Previews

White Background



This preview shows how the HunterLab color 37.3648, -11.5230, -21.6347 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 37.3648, -11.5230, -21.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

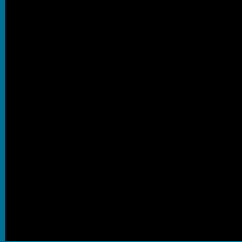
Any Text WCAG AA × Fail

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 37.3648, -11.5230, -21.6347 Background



This preview shows how black text looks on a background with the HunterLab color 37.3648, -11.5230, -21.6347.



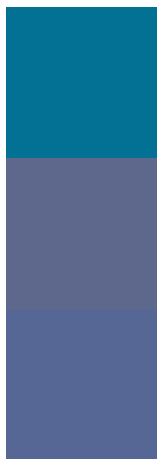
This preview shows how white text looks on a background with the HunterLab color 37.3648, -11.5230, -21.6347.

-11.5230, -21.6347.

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

37.3648, -11.5230, -21.6347

Protanopia

37.3813, 2.3891, -16.2763

Deuteranopia

37.2571, 2.7992, -22.9111

Trichromacy



Original Color

37.3648, -11.5230, -21.6347

Protanomaly

36.7296, -5.2780, -19.4081

Deuteranomaly

36.7390, -4.7363, -23.3314

Monochromacy



Original Color

37.3648, -11.5230, -21.6347

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.6705, -8.8272, -6.6799

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3648, -11.5230, -21.6347 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(2, 113, 148)` looks like.

```
.text, #text, p{  
    color:rgb(2, 113, 148)  
}
```

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(2, 113, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 113, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3648, -11.5230, -21.6347 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(2, 113, 148) }
```

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

```
.border{ border-color:rgb(2, 113, 148) }
```

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

Here you see how a box with a 4 pixel rgb(2, 113, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 113, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 113, 148);  
box-shadow:4px 4px 4px 4px rgb(2, 113,  
148) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.3648, -11.5230, -21.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 113, 148) }
```

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

```
.background{ background-color: rgb(2, 113,  
148) }
```

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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