

Converting Colors

HunterLab(40.4921, -10.9138,
-20.8040)

Have a look what the booklet for
HunterLab(40.4921, -10.9138,
-20.8040) contains.

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Color

**HunterLab(40.6109,
-11.1651, -20.4449)**

Conversions

Conversions Part 1

Format	Color
Hex	28799B
RGB	40, 121, 155
RGB Percent	16%, 47%, 61%
CMY	0.8431, 0.5255, 0.3922
CMYK	0.74, 0.22, 0.00, 0.39
HSL	198°, 59%, 38%
HSV	198°, 74%, 61%
XYZ	13.6289, 16.4925, 33.4754
YIQ	100.6570, -59.1900, -6.5980

Conversions

Conversions Part 2

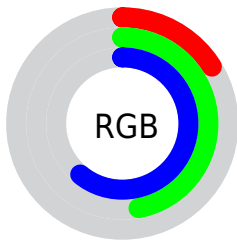
Format	Color
R_{YB}	40, 88, 155
Decimal	2652571
CIE _{Lab}	47.61, -12.49, -25.30
CIE _{LCh}	48, 28.221, 243.723
Yxy	16.4930, 0.2143, 0.2593
Android (android.graphics.Color)	4280842651 (0xFF28799B)
YUV	100.6570, 26.7911, -53.1962
Hunter-Lab	40.6109, -11.1651, -20.4449

Details

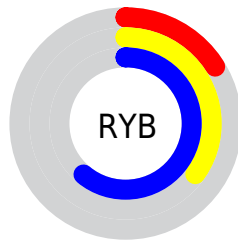
The HunterLab color **40.6109, -11.1651, -20.4449** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.6705, 23.5047, 18.3410**, and the grayscale version is **35.8651, -1.9137, 1.9486**.

A 20% lighter version of the original color is **61.1270, -13.3641, -21.7082**, and **23.7365, -5.3218, -18.1804** is the 20% darker color. If you saturate the color by 10%, you get **38.9290, -10.3552, -23.4237**, and if you desaturate by 10%, it is **42.4369, -11.4744, -17.3775**.

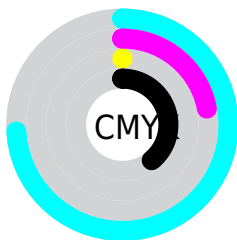
Distribution



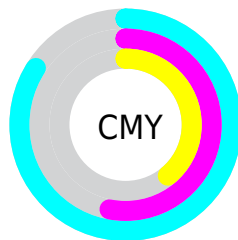
- Red (16%)
- Green (47%)
- Blue (61%)



- Red (16%)
- Yellow (35%)
- Blue (61%)



- Cyan (74%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (84%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6109, -11.1651, -20.4449 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 40.6109, -11.1651, -20.4449 by changing the saturation by 10% instead.

40.6109, -11.1651,
-20.4449

40.6109, -11.1651,
-20.4449

152.3922,
-22.5008, -22.6831

31.4225, -9.8658,
-19.9250

61.1981, -13.6966,
-21.3383

23.0549, -8.5232,
-19.3937

72.4986, -14.9475,
-21.6982

15.5994, -7.1062,
-18.9392

84.4201, -16.1960,
-21.9990

9.1815, -6.4200,
-18.8637

96.9316, -17.4457,
-22.2420

0.0000, NaN, -NF

0.0000, NaN, -NF

110.0066,
-18.6992, -22.4296

0.0000, NaN, NaN

123.6217,

0.0000, NaN, NaN

-19.9586, -22.5641

0.0000, NaN, NaN

137.7564,
-21.2254, -22.6479

■ 40.6109, -11.1651,
-20.4449

■ 40.6109, -11.1651,
-20.4449

■ 38.9290, -10.3552,
-23.4237

■ 42.4369, -11.4744,
-17.3775

■ 37.3857, -9.0599,
-26.3016

■ 44.4031, -11.2929,
-14.2443

■ 36.5250, -8.1889,
-27.9757

■ 46.5054, -10.6439,
-11.0656

■ 48.7378, -9.5593,
-7.8602

■ 51.0929, -8.0750,
-4.6441

■ 53.5634, -6.2279,
-1.4296

■ 56.1419, -4.0541,
1.7739

■ 58.8212, -1.5875,
4.9598

■ 61.5945, 1.1410,
8.1238

Harmonies

Analogous

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



40.6116, -18.3921, -10.7061



40.6109, -11.1651, -20.4449



40.6116, -0.7786, -23.6132

Triad

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



40.6116, -11.1649, -20.4441



40.6116, 21.3151, 3.5027



40.6116, -13.3179, 15.6976

Complementary

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



40.6109, -11.1651, -20.4449



34.6705, 23.5047, 18.3410

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.



40.6116, -3.5412, 17.6640



40.6109, -11.1651, -20.4449



40.6116, 17.0833, 11.9174

Square

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



40.6116, -11.1649, -20.4441



40.6116, 18.7212, -7.8082



40.6116, 7.6850, 16.4922



40.6116, -19.5386, 10.1883

Rectangle

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



40.6109, -11.1651, -20.4449



40.6116, 6.7490, -21.0240



40.6116, 7.6850, 16.4922



40.6116, -10.3784, 16.7164

Sweetspot

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



40.6116, -11.1649, -20.4441



68.9450, -10.4052, -5.4575



49.3658, -36.5423, 22.2942



32.4165, -5.2190, -3.1077



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



40.6116, -11.1649, -20.4441



50.7236, -12.7926, -33.8838



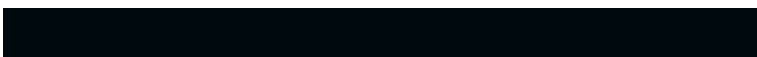
25.6704, 15.4181, -55.5365



25.9190, -2.4512, 0.0781



32.8382, -7.4939, -24.8678



4.7261, -1.9061, -1.7926

Inverse Universe

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



31.4123, 45.7683, -13.9866



39.0026, 68.4893, -17.6363



48.0729, -2.8292, 27.0959



25.0849, 1.5245, 0.0716



25.4831, 47.1594, -10.8100



3.2149, 6.1178, -2.6677

Previews

White Background



This preview shows how the HunterLab color 40.6109, -11.1651, -20.4449 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 40.6109, -11.1651, -20.4449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

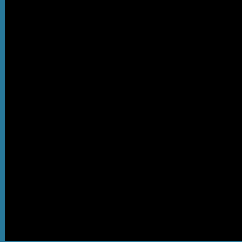
Any Text WCAG AA × Fail

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 40.6109, -11.1651, -20.4449 Background



This preview shows how black text looks on a background with the HunterLab color 40.6109, -11.1651, -20.4449.



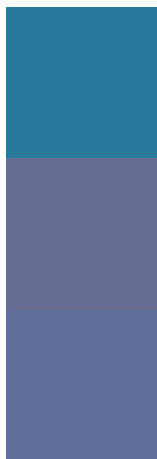
This preview shows how white text looks on a background with the HunterLab color 40.6109,

-11.1651, -20.4449.

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

40.6109, -11.1651, -20.4449

Protanopia

40.3736, 1.9885, -15.6243

Deuteranopia

40.4284, 2.9843, -21.8161



Tritanopia

40.7135, -18.5669, -8.6177

Trichromacy



Original Color

40.6109, -11.1651, -20.4449

Protanomaly

40.1569, -4.2199, -17.9314

Deuteranomaly

40.2471, -3.4092, -21.5939

Tritanomaly

40.7617, -16.2919, -12.3917

Monochromacy



Original Color

40.6109, -11.1651, -20.4449

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.1051, -7.0221, -6.1635

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6109, -11.1651, -20.4449 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(40, 121, 155)` looks like.

```
.text, #text, p{  
    color:rgb(40, 121, 155)  
}
```

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(40, 121, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 121, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6109, -11.1651, -20.4449 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(40, 121, 155) }
```


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

```
.border{ border-color:rgb(40, 121, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 121, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 121, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 121, 155);  
box-shadow:4px 4px 4px 4px rgb(40, 121,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6109, -11.1651, -20.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 121, 155) }
```

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

```
.background{ background-color: rgb(40, 121,  
155) }
```

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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