

Converting Colors

HunterLab(40.9189, -11.1561,
0.6332)

Have a look what the booklet for
HunterLab(40.9189, -11.1561,
0.6332) contains.

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Color

**HunterLab(40.9189,
-11.1561, 0.6332)**

Conversions

Conversions Part 1

Format	Color
Hex	577875
RGB	87, 120, 117
RGB Percent	34%, 47%, 46%
CMY	0.6588, 0.5294, 0.5412
CMYK	0.28, 0.00, 0.03, 0.53
HSL	175°, 16%, 41%
HSV	175°, 28%, 47%
XYZ	13.8579, 16.7436, 19.3311
YIQ	109.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

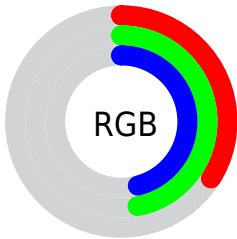
Format	Color
RYB	87, 104, 120
Decimal	5732469
CIELab	47.94, -12.42, -2.17
CIElCh	48, 12.611, 189.925
Yxy	16.7442, 0.2775, 0.3353
Android (android.graphics.Color)	4283922549 (0xFF577875)
YUV	109.7910, 3.5540, -19.9877
Hunter-Lab	40.9189, -11.1561, 0.6332

Details

The HunterLab color $40.9189, -11.1561, 0.6332$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.9826, 8.8156, 4.2166$, and the grayscale version is $39.4005, -2.1023, 2.1407$.

A 20% lighter version of the original color is $61.4597, -13.4676, 1.4244$, and $23.2105, -8.2991, -0.2252$ is the 20% darker color. If you saturate the color by 10%, you get $40.2347, -13.7763, 0.2436$, and if you desaturate by 10%, it is $41.7091, -8.2055, 1.1523$.

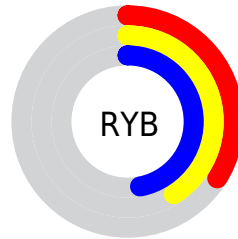
Distribution



Red (34%)

Green (47%)

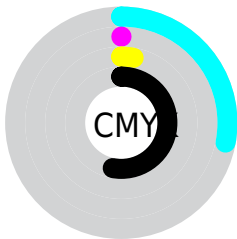
Blue (46%)



Red (34%)

Yellow (41%)

Blue (47%)

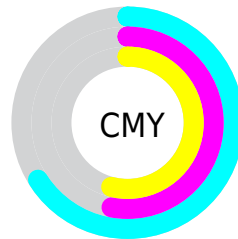


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9189, -11.1561, 0.6332 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 40.9189, -11.1561, 0.6332 by changing the saturation by 10% instead.

■ 40.9189, -11.1561,
0.6332

■ 40.9189, -11.1561,
0.6332

152.8706,
-22.4608, 5.8767

■ 31.7054, -9.8634,
0.2568

■ 61.5512, -13.6789,
1.5330

■ 23.3102, -8.5280,
-0.0640

■ 72.8722, -14.9258,
2.0471

■ 15.8237, -7.1203,
-0.3199

■ 84.8131, -16.1707,
2.6001

■ 9.3733, -6.2755,
-0.4972

■ 97.3431, -17.4171,
3.1896

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4358,
-18.6675, 3.8136

0.0000, NaN, NaN

124.0680,

0.0000, NaN, NaN

-19.9240, 4.4704

0.0000, NaN, NaN

138.2190,
-21.1880, 5.1585

■ 40.9189, -11.1561,
0.6332

■ 40.9189, -11.1561,
0.6332

■ 40.2347, -13.7763,
0.2436

■ 41.7091, -8.2055,
1.1523

■ 39.6535, -16.0472,
-0.0163

■ 42.6023, -4.9451,
1.7949

■ 39.1741, -17.9593,
-0.1465

■ 43.5975, -1.4017,
2.5555

■ 38.7930, -19.5109,
-0.1506

■ 44.6925, 2.3968,
3.4270

■ 38.5049, -20.7104,
-0.0354

■ 45.8840, 6.4215,
4.4011

■ 38.3024, -21.5779,
0.1888

■ 47.1685, 10.6442,
5.4694

■ 38.1639, -22.1939,
0.4925

■ 48.5421, 15.0381,
6.6232

■ 38.1308, -22.3421,
0.5699

■ 50.0007, 19.5784,
7.8543

■ 51.5402, 24.2423,
9.1544

Harmonies

Analogous

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



40.9197, -10.7578, 5.2188



40.9189, -11.1561, 0.6332



40.9197, -9.2409, -4.0287

Triad

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



40.9197, -11.1567, 0.6338



40.9197, 4.1123, -5.3532



40.9197, 1.1375, 9.8605

Complementary

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



40.9189, -11.1561, 0.6332



33.9826, 8.8156, 4.2166

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.



40.9197, 5.3828, 7.6291



40.9189, -11.1561, 0.6332



40.9197, 7.1561, -1.0084

Square

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



40.9197, -11.1567, 0.6338



40.9197, -0.5300, -7.7472



40.9197, 7.6319, 3.7593



40.9197, -3.8152, 10.1893

Rectangle

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



40.9189, -11.1561, 0.6332



40.9197, -6.8530, -6.4205



40.9197, 7.6319, 3.7593



40.9197, 2.7009, 9.3218

Sweetspot

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



40.9197, -11.1567, 0.6338



56.4113, -6.8715, 2.3159



40.3863, -14.6195, 11.3920



27.3845, -3.6256, 1.0702



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.9197, -11.1567, 0.6338



53.6776, -17.0401, 0.4940



37.2245, -4.9242, -5.4523



21.2284, -2.7411, 0.8425



39.8247, -23.3434, 0.6143



86.9415, -51.2107, 1.8800

Inverse Universe

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



33.9826, 8.8156, 4.2166



42.5082, 15.2632, 6.3251



37.1948, 2.3023, 8.5859



20.0510, 0.6246, 1.4404



20.9314, 35.9651, 12.5989



45.6522, 78.3160, 28.4516

Previews

White Background



This preview shows how the HunterLab color 40.9189, -11.1561, 0.6332 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 40.9189, -11.1561, 0.6332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

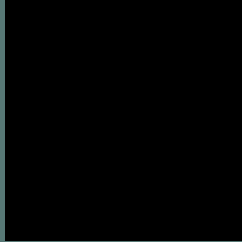
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

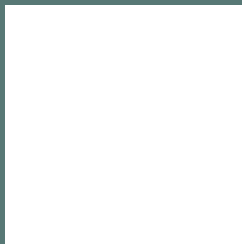
Any Text WCAG AAA × Fail

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

HunterLab 40.9189, -11.1561, 0.6332 Background



This preview shows how black text looks on a background with the HunterLab color 40.9189, -11.1561, 0.6332.



This preview shows how white text looks on a background with the HunterLab color 40.9189, -11.1561, 0.6332.

-11.1561, 0.6332.

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

40.9189, -11.1561, 0.6332

Protanopia

40.8012, -1.5965, 2.4114

Deuteranopia

40.7693, 2.7859, -0.2106



Tritanopia

40.7912, -7.9573, -4.6874

Trichromacy



Original Color

40.9189, -11.1561, 0.6332

Protanomaly

40.8766, -5.5588, 1.9999

Deuteranomaly

40.7355, -2.9555, 0.1030

Tritanomaly

40.8945, -9.3246, -2.6107

Monochromacy



Original Color

40.9189, -11.1561, 0.6332

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0645, -5.6114, 1.4698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9189, -11.1561, 0.6332 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(87, 120, 117)` looks like.

```
.text, #text, p{  
  color:rgb(87, 120, 117)  
}
```

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(87, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 120, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9189, -11.1561, 0.6332 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(87, 120, 117) }
```


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

```
.border{ border-color:rgb(87, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(87, 120,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9189, -11.1561, 0.6332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 120, 117) }
```

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

```
.background{ background-color: rgb(87, 120,  
117) }
```

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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