

Converting Colors

HunterLab(40.9157, -11.3668,
7.7182)

Have a look what the booklet for
HunterLab(40.9157, -11.3668,
7.7182) contains.

HunterLab(41.0364, -11.6098, 7.6636)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(41.0364,
-11.6098, 7.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	607864
RGB	96, 120, 100
RGB Percent	38%, 47%, 39%
CMY	0.6235, 0.5294, 0.6078
CMYK	0.20, 0.00, 0.17, 0.53
HSL	130°, 11%, 42%
HSV	130°, 20%, 47%
XYZ	13.8406, 16.8399, 14.5776
YIQ	110.5440, -7.8840, -11.3080

Conversions

Conversions Part 2

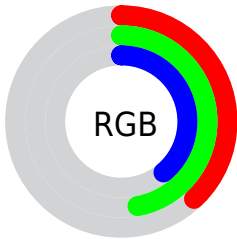
Format	Color
R_{YB}	96, 117, 120
Decimal	6322276
CIE _{Lab}	48.06, -13.06, 8.13
CIE _{LCh}	48, 15.383, 148.095
Yxy	16.8406, 0.3058, 0.3721
Android (android.graphics.Color)	4284512356 (0xFF607864)
YUV	110.5440, -5.1982, -12.7551
Hunter-Lab	41.0364, -11.6098, 7.6636

Details

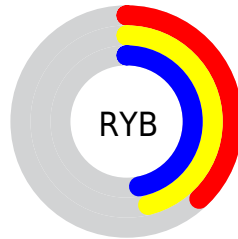
The HunterLab color $41.0364, -11.6098, 7.6636$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.9056, 8.3600, -3.6586$, and the grayscale version is $39.7177, -2.1192, 2.1579$.

A 20% lighter version of the original color is $61.5974, -13.9891, 9.5298$, and $23.2733, -8.8034, 5.6063$ is the 20% darker color. If you saturate the color by 10%, you get $40.0708, -15.6949, 10.1041$, and if you desaturate by 10%, it is $42.1280, -7.1344, 5.0721$.

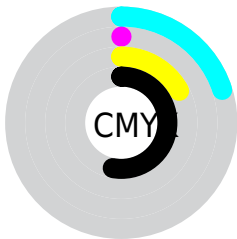
Distribution



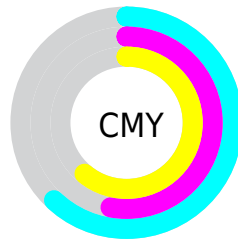
- Red (38%)
- Green (47%)
- Blue (39%)



- Red (38%)
- Yellow (46%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (62%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0364, -11.6098, 7.6636 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 41.0364, -11.6098, 7.6636 by changing the saturation by 10% instead.

■ 41.0364, -11.6098,
7.6636

■ 41.0364, -11.6098,
7.6636

153.0529,
-23.1951, 17.1290

■ 31.8133, -10.2749,
6.6509

■ 61.6859, -14.2079,
9.6906

■ 23.4077, -8.8924,
5.6253

■ 73.0147, -15.4887,
10.7142

■ 15.9093, -7.4311,
4.5685

■ 84.9629, -16.7655,
11.7485

■ 9.4453, -6.5293,
4.0822

■ 97.5000, -18.0422,
12.7955

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5994,
-19.3216, 13.8564

0.0000, NaN, NaN

124.2381,

0.0000, NaN, NaN

-20.6059, 14.9319

0.0000, NaN, NaN

138.3953,
-21.8966, 16.0226

■ 41.0364, -11.6098,
7.6636

■ 41.0364, -11.6098,
7.6636

■ 40.0708, -15.6949,
10.1041

■ 42.1280, -7.1344,
5.0721

■ 39.2308, -19.3441,
12.3650

■ 43.3392, -2.3130,
2.3550

■ 38.5181, -22.5210,
14.4213

■ 44.6666, 2.8068,
-0.4617

■ 37.9318, -25.1985,
16.2502

■ 46.1049, 8.1798,
-3.3547

■ 37.4686, -27.3625,
17.8340

■ 47.6486, 13.7639,
-6.3034

■ 37.1227, -29.0152,
19.1608

■ 49.2919, 19.5214,
-9.2900

■ 36.8856, -30.1777,
20.2262

■ 51.0291, 25.4193,
-12.2998

■ 36.7207, -30.9970,
21.0159

■ 52.8544, 31.4291,
-15.3208

■ 54.7625, 37.5268,
-18.3437

Harmonies

Analogous

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



41.0373, -7.5294, 10.8483



41.0364, -11.6098, 7.6636



41.0373, -13.1865, 2.6001

Triad

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



41.0373, -11.6106, 7.6641



41.0373, -2.5780, -10.4412



41.0373, 8.5864, 7.1123

Complementary

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



41.0364, -11.6098, 7.6636



36.9056, 8.3600, -3.6586

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.



41.0373, 10.0980, 1.8641



41.0364, -11.6098, 7.6636



41.0373, 3.4333, -8.7805

Square

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



41.0373, -11.6106, 7.6641



41.0373, -8.1627, -8.3184



41.0373, 8.1613, -4.0579



41.0373, 4.1411, 10.5637

Rectangle

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



41.0364, -11.6098, 7.6636



41.0373, -12.6775, -1.3552



41.0373, 8.1613, -4.0579



41.0373, 9.4654, 5.5253

Sweetspot

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



41.0373, -11.6106, 7.6641



56.4695, -7.0480, 5.3555



42.4486, -6.6492, 10.5830



27.4522, -3.5832, 2.6932



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.



41.0373, -11.6106, 7.6641



53.8139, -17.9504, 11.6754



41.3297, -9.9475, 3.4686



21.1184, -3.3538, 2.4144



38.3511, -32.3881, 21.9811



83.7087, -71.0650, 48.7804

Inverse Universe

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



36.9056, 8.3600, -3.6586



47.1294, 14.4010, -6.6505



36.5607, 6.5592, 1.2308



20.1658, 1.2420, -0.1946



23.1479, 43.9702, -18.5977



50.4495, 95.6566, -39.1852

Previews

White Background



This preview shows how the HunterLab color 41.0364, -11.6098, 7.6636 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 41.0364, -11.6098, 7.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

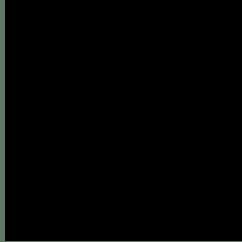
Any Text WCAG AA × Fail

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 41.0364, -11.6098, 7.6636 Background



This preview shows how black text looks on a background with the HunterLab color 41.0364, -11.6098, 7.6636.



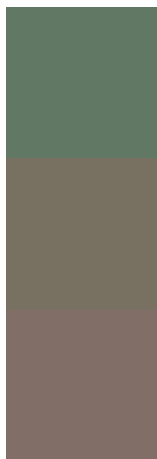
This preview shows how white text looks on a background with the HunterLab color 41.0364,

-11.6098, 7.6636.

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

41.0364, -11.6098, 7.6636

Protanopia

40.8245, -2.3221, 8.6906

Deuteranopia

40.9613, 2.5195, 7.0891



Tritanopia

40.9437, -4.6083, -3.4347

Trichromacy



Original Color

41.0364, -11.6098, 7.6636

Protanomaly

40.9294, -6.1847, 8.3733

Deuteranomaly

40.9342, -3.1622, 7.3353

Tritanomaly

40.8162, -7.0635, 0.5802

Monochromacy



Original Color

41.0364, -11.6098, 7.6636

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.1999, -5.4547, 4.1601

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0364, -11.6098, 7.6636 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(96, 120, 100)` looks like.

```
.text, #text, p{  
    color:rgb(96, 120, 100)  
}
```

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(96, 120, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 120, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0364, -11.6098, 7.6636 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(96, 120, 100) }
```


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

```
.border{ border-color:rgb(96, 120, 100) }
```

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

Here you see how a box with a 4 pixel rgb(96, 120, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 120, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 120, 100);  
box-shadow:4px 4px 4px 4px rgb(96, 120,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0364, -11.6098, 7.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 120, 100) }
```

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

```
.background{ background-color: rgb(96, 120,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor