

Converting Colors

HunterLab(40.6277, -7.4056,
11.1836)

Have a look what the booklet for
HunterLab(40.6277, -7.4056,
11.1836) contains.

HunterLab(40.6535, -7.5698, 11.1341)	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(40.6535, -7.5698,
11.1341)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7459
RGB	110, 116, 89
RGB Percent	43%, 45%, 35%
CMY	0.5686, 0.5451, 0.6510
CMYK	0.05, 0.00, 0.23, 0.55
HSL	73°, 13%, 40%
HSV	73°, 23%, 45%
XYZ	14.4790, 16.5271, 11.8781
YIQ	111.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

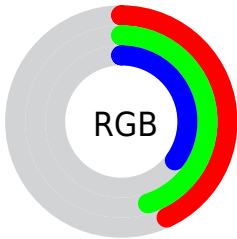
Format	Color
R _Y B	89, 116, 95
Decimal	7238745
CIE Lab	47.66, -7.36, 14.19
CIE LCh	48, 15.986, 117.395
Yxy	16.5278, 0.3376, 0.3854
Android (android.graphics.Color)	4285428825 (0xFF6E7459)
YUV	111.1280, -10.9091, -0.9893
Hunter-Lab	40.6535, -7.5698, 11.1341

Details

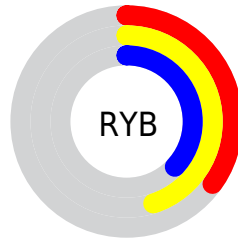
The HunterLab color **40.6535, -7.5698, 11.1341** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32.9228, 4.4362, -9.3931**, and the grayscale version is **39.9587, -2.1321, 2.1710**.

A 20% lighter version of the original color is **61.2786, -9.4708, 13.9604**, and **23.0928, -5.7080, 8.2618** is the 20% darker color. If you saturate the color by 10%, you get **40.2306, -9.5568, 14.1654**, and if you desaturate by 10%, it is **41.1171, -5.3979, 7.6354**.

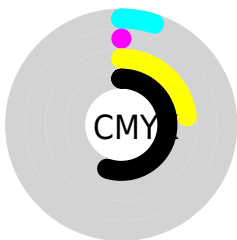
Distribution



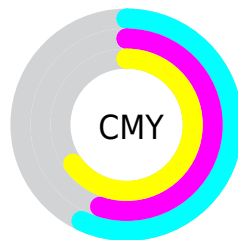
- Red (43%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (37%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (55%)



- Cyan (57%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6535, -7.5698, 11.1341 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 40.6535, -7.5698, 11.1341 by changing the saturation by 10% instead.

■ 40.6535, -7.5698,
11.1341

■ 40.6535, -7.5698,
11.1341

152.4586,
-16.6654, 23.2848

■ 31.4617, -6.6127,
9.6995

■ 61.2471, -9.5012,
13.8948

■ 23.0904, -5.6497,
8.1988

■ 72.5505, -10.4812,
15.2452

■ 15.6305, -4.6672,
6.5912

■ 84.4747, -11.4741,
16.5860

■ 9.2084, -3.9725,
6.4459

■ 96.9888, -12.4812,
17.9224

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.0662,
-13.5034, 19.2579

0.0000, NaN, NaN

123.6837,

0.0000, NaN, NaN

-14.5413, 20.5955

0.0000, NaN, NaN

137.8207,
-15.5952, 21.9372

■ 40.6535, -7.5698,
11.1341

■ 40.6535, -7.5698,
11.1341

■ 40.2306, -9.5568,
14.1654

■ 41.1171, -5.3979,
7.6354

■ 39.8450, -11.3540,
16.7297

■ 41.6190, -3.0413,
3.6703

■ 39.4968, -12.9629,
18.8347

■ 42.1603, -0.5059,
-0.7542

■ 39.1847, -14.3862,
20.4933

■ 42.7409, 2.2022,
-5.6281

■ 38.9071, -15.6294,
21.7254

■ 43.3605, 5.0760,
-10.9388

■ 38.6620, -16.7012,
22.5585

■ 44.0189, 8.1077,
-16.6712

■ 38.4464, -17.6170,
23.0367

■ 44.7155, 11.2891,
-22.8085

■ 38.3092, -18.1955,
23.2874

■ 45.4496, 14.6114,
-29.3325

■ 46.2206, 18.0661,
-36.2242

Harmonies

Analogous

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



40.6544, -1.6221, 12.0827



40.6535, -7.5698, 11.1341



40.6544, -11.8364, 7.9198

Triad

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



40.6544, -7.5709, 11.1346



40.6544, -8.4653, -8.6812



40.6544, 10.5856, 1.6883

Complementary

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



40.6535, -7.5698, 11.1341



32.9228, 4.4362, -9.3931

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.



40.6544, 8.4904, -4.4639



40.6535, -7.5698, 11.1341



40.6544, -2.7178, -10.9904

Square

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



40.6544, -7.5709, 11.1346



40.6544, -12.3304, -3.4251



40.6544, 3.5255, -9.3419



40.6544, 9.0948, 7.1438

Rectangle

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



40.6535, -7.5698, 11.1341



40.6544, -13.2797, 4.6367



40.6544, 3.5255, -9.3419



40.6544, 10.2746, -0.3699

Sweetspot

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



40.6544, -7.5709, 11.1346



54.9124, -5.2794, 6.9895



35.4855, 3.7206, 6.1394



26.8077, -2.6402, 3.5178



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



40.6544, -7.5709, 11.1346



53.5877, -11.4986, 17.0219



39.6675, -11.1816, 10.1203



20.5602, -2.2006, 2.9923



40.5716, -19.3145, 24.6619



89.3443, -43.4893, 54.2922

Inverse Universe

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



32.9228, 4.4362, -9.3931



41.0365, 8.0794, -16.5359



34.0827, 8.1903, -7.6000



19.0408, 0.1439, -1.0010



12.8490, 33.0171, -77.0666



27.7918, 72.4061, -174.3785

Previews

White Background



This preview shows how the HunterLab color 40.6535, -7.5698, 11.1341 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 40.6535, -7.5698, 11.1341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

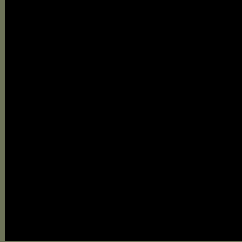
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

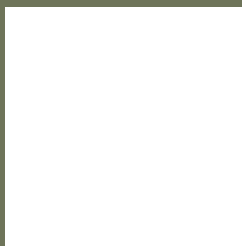
Any Text WCAG AAA × Fail

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

HunterLab 40.6535, -7.5698, 11.1341 Background



This preview shows how black text looks on a background with the HunterLab color 40.6535, -7.5698, 11.1341.



This preview shows how white text looks on a background with the HunterLab color 40.6535, -7.5698,

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

40.6535, -7.5698, 11.1341

Protanopia

40.6299, -3.3913, 11.5039

Deuteranopia

40.4796, 3.0952, 10.5007



Tritanopia

40.6771, -0.1624, -1.3042

Trichromacy



Original Color

40.6535, -7.5698, 11.1341

Protanomaly

40.5613, -5.0538, 11.4097

Deuteranomaly

40.4872, -1.0081, 10.7653

Tritanomaly

40.5279, -2.7639, 3.7588

Monochromacy



Original Color

40.6535, -7.5698, 11.1341

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.2107, -4.1867, 5.7839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6535, -7.5698, 11.1341 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(110, 116, 89)` looks like.

```
.text, #text, p{  
    color:rgb(110, 116, 89)  
}
```

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(110, 116, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 116, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6535, -7.5698, 11.1341 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(110, 116, 89) }
```


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

```
.border{ border-color:rgb(110, 116, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 116, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 116, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 116, 89);  
box-shadow:4px 4px 4px 4px rgb(110, 116,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6535, -7.5698, 11.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 116, 89) }
```

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

```
.background{ background-color: rgb(110,  
116, 89) }
```

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