

Converting Colors

HunterLab(36.5523, -7.7753,
11.8153)

Have a look what the booklet for
HunterLab(36.5523, -7.7753,
11.8153) contains.

HunterLab(36.4008, -7.6361, 11.7440)	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(36.4008, -7.6361,
11.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	63694A
RGB	99, 105, 74
RGB Percent	39%, 41%, 29%
CMY	0.6118, 0.5882, 0.7098
CMYK	0.06, 0.00, 0.30, 0.59
HSL	72°, 17%, 35%
HSV	72°, 30%, 41%
XYZ	11.4332, 13.2502, 8.4335
YIQ	99.6720, 6.3750, -10.9130

Conversions

Conversions Part 2

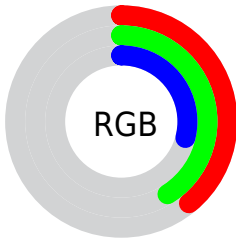
Format	Color
R_{YB}	74, 105, 80
Decimal	6515018
CIE Lab	43.14, -8.09, 16.71
CIE LCh	43, 18.563, 115.825
Yxy	13.2508, 0.3452, 0.4001
Android (android.graphics.Color)	4284705098 (0xFF63694A)
YUV	99.6720, -12.6563, -0.5893
Hunter-Lab	36.4008, -7.6361, 11.7440

Details

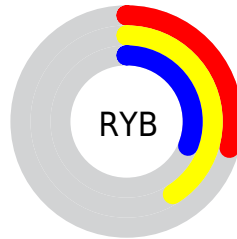
The HunterLab color **36.4008, -7.6361, 11.7440** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **27.6103, 5.3887, -11.5928**, and the grayscale version is **35.6202, -1.9006, 1.9353**.

A 20% lighter version of the original color is **56.2948, -9.6023, 14.7846**, and **19.6212, -5.5571, 8.2816** is the 20% darker color. If you saturate the color by 10%, you get **36.0663, -9.2221, 14.2106**, and if you desaturate by 10%, it is **36.7699, -5.8878, 8.8633**.

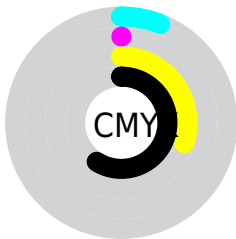
Distribution



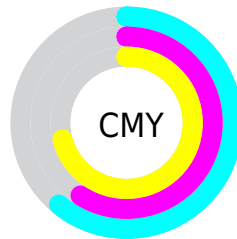
- Red (39%)
- Green (41%)
- Blue (29%)



- Red (29%)
- Yellow (41%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (30%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4008, -7.6361, 11.7440 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 36.4008, -7.6361, 11.7440 by changing the saturation by 10% instead.

■ 36.4008, -7.6361,
11.7440

■ 36.4008, -7.6361,
11.7440

145.7802,
-17.0027, 25.1150

■ 27.5707, -6.6281,
10.0912

■ 56.3503, -9.6487,
14.8617

■ 19.5985, -5.6026,
8.3301

■ 67.3616, -10.6627,
16.3640

■ 12.5898, -4.5380,
6.8557

■ 79.0092, -11.6865,
17.8440

■ 5.8947, -6.2924,
4.1263

■ 91.2601, -12.7221,
19.3093

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.0860,
-13.7707, 20.7654

0.0000, NaN, NaN

117.4621,

0.0000, NaN, NaN

-14.8332, 22.2164

0.0000, NaN, NaN

131.3666,
-15.9104, 23.6654

■ 36.4008, -7.6361,
11.7440

■ 36.4008, -7.6361,
11.7440

■ 36.0663, -9.2221,
14.2106

■ 36.7699, -5.8878,
8.8633

■ 35.7633, -10.6431,
16.2668

■ 37.1718, -3.9756,
5.5664

■ 35.4915, -11.9020,
17.9231

■ 37.6075, -1.9034,
1.8565

■ 35.2497, -13.0032,
19.1946

■ 38.0772, 0.3247,
-2.2603

■ 35.0363, -13.9535,
20.1028

■ 38.5808, 2.7037,
-6.7751

■ 34.8491, -14.7628,
20.6768

■ 39.1181, 5.2278,
-11.6766

■ 34.6775, -15.4914,
21.0724

■ 39.6890, 7.8904,
-16.9517

■ 34.6694, -15.5258,
21.0913

■ 40.2929, 10.6846,
-22.5855

■ 40.9294, 13.6032,
-28.5623

Harmonies

Analogous

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



36.4016, -0.9567, 12.5984



36.4008, -7.6361, 11.7440



36.4016, -12.4474, 8.4788

Triad

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



36.4016, -7.6371, 11.7444



36.4016, -9.2172, -10.3164



36.4016, 12.5128, 1.0345

Complementary

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



36.4008, -7.6361, 11.7440



27.6103, 5.3887, -11.5928

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.



36.4016, 9.9039, -5.9904



36.4008, -7.6361, 11.7440



36.4016, -2.9214, -13.2838

Square

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



36.4016, -7.6371, 11.7444



36.4016, -13.3101, -4.0646



36.4016, 4.1215, -11.5678



36.4016, 11.0137, 7.1407

Rectangle

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



36.4008, -7.6361, 11.7440



36.4016, -14.1235, 4.9864



36.4016, 4.1215, -11.5678



36.4016, 12.0821, -1.3038

Sweetspot

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



36.4016, -7.6371, 11.7444



49.7548, -5.2489, 7.3237



30.3135, 5.2925, 6.1000



24.0512, -2.6821, 3.7934



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



36.4016, -7.6371, 11.7444



48.4134, -11.6193, 17.9176



35.3193, -11.6348, 10.6842



18.8558, -1.9606, 2.7254



38.9917, -17.5444, 23.7194



87.8115, -40.3976, 53.4018

Inverse Universe

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



27.6103, 5.3887, -11.5928



34.2036, 9.5951, -20.2391



28.9145, 9.5120, -9.4224



17.4665, 0.0732, -0.8957



12.1251, 31.4151, -74.7256



26.8220, 70.4662, -172.8418

Previews

White Background



This preview shows how the HunterLab color 36.4008, -7.6361, 11.7440 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 36.4008, -7.6361, 11.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

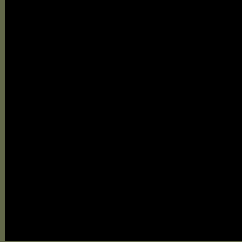
Any Text WCAG AA × Fail

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 36.4008, -7.6361, 11.7440 Background



This preview shows how black text looks on a background with the HunterLab color 36.4008, -7.6361, 11.7440.



This preview shows how white text looks on a background with the HunterLab color 36.4008, -7.6361,

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

36.4008, -7.6361, 11.7440

Protanopia

36.4675, -3.1994, 12.1669

Deuteranopia

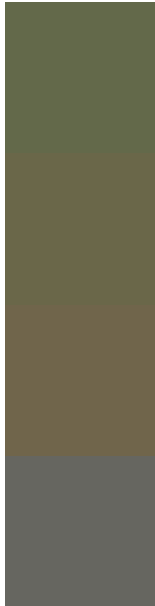
36.4009, 2.0963, 11.3298



Tritanopia

36.5439, 0.1476, -0.9526

Trichromacy



Original Color

36.4008, -7.6361, 11.7440

Protanomaly

36.3947, -4.8520, 12.0726

Deuteranomaly

36.4144, -1.9330, 11.5663

Tritanomaly

36.2933, -2.8112, 4.2362

Monochromacy



Original Color

36.4008, -7.6361, 11.7440

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.0103, -4.0543, 5.8224

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4008, -7.6361, 11.7440 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(99, 105, 74)` looks like.

```
.text, #text, p{  
    color:rgb(99, 105, 74)  
}
```

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(99, 105, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 105, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4008, -7.6361, 11.7440 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(99, 105, 74) }
```


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

```
.border{ border-color:rgb(99, 105, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 105, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 105, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 105, 74);  
box-shadow:4px 4px 4px 4px rgb(99, 105,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4008, -7.6361, 11.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 105, 74) }
```

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

```
.background{ background-color: rgb(99, 105,  
74) }
```

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