

Converting Colors

HunterLab(39.9939, -1.3769,
6.5655)

Have a look what the booklet for
HunterLab(39.9939, -1.3769, 6.5655)
contains.

HunterLab(39.9043, -1.1804, 6.6544)	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(39.9043, -1.1804,
6.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	766E64
RGB	118, 110, 100
RGB Percent	46%, 43%, 39%
CMY	0.5373, 0.5686, 0.6078
CMYK	0.00, 0.07, 0.15, 0.54
HSL	33°, 8%, 43%
HSV	33°, 15%, 46%
XYZ	15.3474, 15.9235, 14.3213
YIQ	111.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

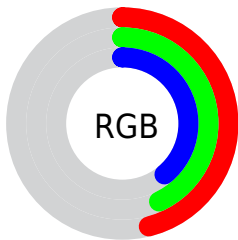
Format	Color
R_{YB}	114, 118, 100
Decimal	7761508
CIE Lab	46.87, 1.26, 6.69
CIE LCh	47, 6.811, 79.325
Yxy	15.9242, 0.3366, 0.3493
Android (android.graphics.Color)	4285951588 (0xFF766E64)
YUV	111.2520, -5.5472, 5.9180
Hunter-Lab	39.9043, -1.1804, 6.6544

Details

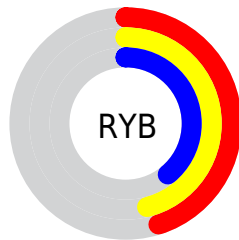
The HunterLab color $39.9043, -1.1804, 6.6544$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38.3956, -2.6269, -2.8538$, and the grayscale version is $39.9855, -2.1335, 2.1725$.

A 20% lighter version of the original color is $60.5153, -2.4164, 8.5617$, and $22.6145, -0.5365, 5.0950$ is the 20% darker color. If you saturate the color by 10%, you get $38.2281, -0.2758, 9.1641$, and if you desaturate by 10%, it is $41.6349, -1.9340, 3.8745$.

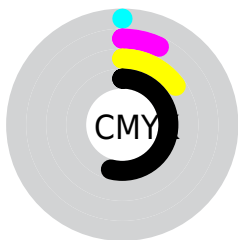
Distribution



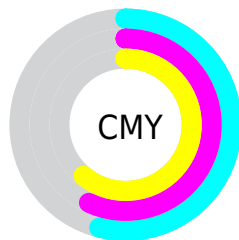
- Red (46%)
- Green (43%)
- Blue (39%)



- Red (45%)
- Yellow (46%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9043, -1.1804, 6.6544 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 39.9043, -1.1804, 6.6544 by changing the saturation by 10% instead.

■ 39.9043, -1.1804,
6.6544

■ 39.9043, -1.1804,
6.6544

151.2925, -6.6037,
15.4879

■ 30.7743, -0.7719,
5.7373

■ 60.3876, -2.1361,
8.5124

■ 22.4708, -0.4141,
4.8173

■ 71.6409, -2.6737,
9.4596

■ 15.0873, -0.1161,
3.8800

■ 83.5175, -3.2480,
10.4219

■ 8.7241, 0.1641,
3.6548

■ 95.9863, -3.8567,
11.4004

0.0000, NaN, NaN

0.0000, NaN, NaN

109.0204, -4.4981,
12.3959

0.0000, NaN, NaN

122.5964, -5.1706,

0.0000, NaN, NaN

13.4088

0.0000, NaN, NaN

136.6933, -5.8728,
14.4395

■ 39.9043, -1.1804,
6.6544

■ 39.9043, -1.1804,
6.6544

■ 38.2281, -0.2758,
9.1641

■ 41.6349, -1.9340,
3.8745

■ 36.6073, 0.7927,
11.3783

■ 43.4139, -2.5427,
0.8451

■ 35.0470, 2.0320,
13.2732

■ 45.2387, -3.0175,
-2.4126

■ 33.5511, 3.4489,
14.8247

■ 47.1066, -3.3678,
-5.8794

■ 32.1240, 5.0469,
16.0110

■ 49.0149, -3.6025,
-9.5380

■ 30.7699, 6.8256,
16.8148

■ 50.9610, -3.7303,
-13.3730

■ 29.4928, 8.7783,
17.2276

■ 52.9427, -3.7591,
-17.3702

■ 28.2936, 10.8787,
17.2878

■ 54.9581, -3.6961,
-21.5171

■ 27.7454, 11.8852,
17.3047

■ 57.0051, -3.5483,
-25.8025

Harmonies

Analogous

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



39.9052, 1.2501, 5.6819



39.9043, -1.1804, 6.6544



39.9052, -3.8065, 6.4877

Triad

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



39.9052, -1.1815, 6.6550



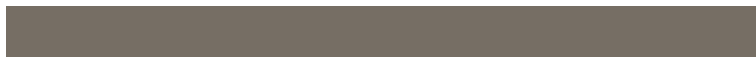
39.9052, -6.8346, 0.5317



39.9052, 1.8139, -1.1237

Complementary

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



39.9043, -1.1804, 6.6544



38.3956, -2.6269, -2.8538

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.



39.9052, -0.4282, -2.6866



39.9043, -1.1804, 6.6544



39.9052, -5.4038, -1.6885

Square

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



39.9052, -1.1815, 6.6550



39.9052, -7.0243, 3.0611



39.9052, -3.0724, -2.8998



39.9052, 3.0093, 1.2623

Rectangle

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



39.9043, -1.1804, 6.6544



39.9052, -5.3147, 5.7485



39.9052, -3.0724, -2.8998



39.9052, 1.1550, -1.7693

Sweetspot

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



39.9052, -1.1815, 6.6550



55.2386, -2.5761, 5.0877



37.4846, 4.5964, 0.6935



26.4255, -1.2115, 2.5409



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.



39.9052, -1.1815, 6.6550



52.1966, -1.2058, 9.9280



42.0310, -5.0587, 8.8030



20.0171, -0.8145, 2.4204



28.8149, 12.4557, 17.9737



62.2349, 30.4866, 38.8826

Inverse Universe

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



38.3956, -2.6269, -2.8538



49.7841, -3.5104, -5.2762



36.3091, 1.2685, -5.5921



19.5777, -1.2364, -0.3450



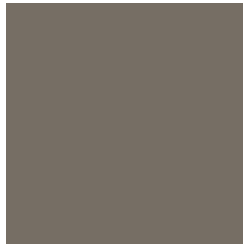
20.2221, 7.6413, -41.7712



42.7461, 20.9369, -98.6257

Previews

White Background



This preview shows how the HunterLab color 39.9043, -1.1804, 6.6544 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 39.9043, -1.1804, 6.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

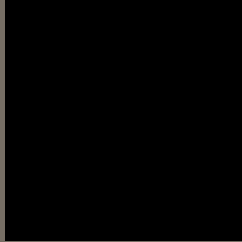
Any Text WCAG AA × Fail

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 39.9043, -1.1804, 6.6544 Background



This preview shows how black text looks on a background with the HunterLab color 39.9043, -1.1804, 6.6544.

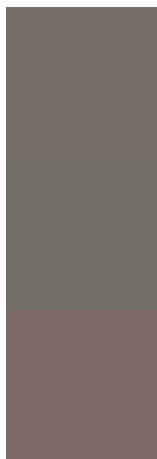


This preview shows how white text looks on a background with the HunterLab color 39.9043, -1.1804,

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

39.9043, -1.1804, 6.6544

Protanopia

40.0025, -2.2359, 6.7404

Deuteranopia

39.8630, 2.8292, 6.3009



Tritanopia

39.9739, 2.6562, 0.1711

Trichromacy



Original Color

39.9043, -1.1804, 6.6544

Protanomaly

40.0885, -1.9367, 6.8370

Deuteranomaly

39.8443, 1.4135, 6.2559

Tritanomaly

39.9813, 0.9790, 2.7772

Monochromacy



Original Color

39.9043, -1.1804, 6.6544

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.0098, -1.8570, 4.0084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9043, -1.1804, 6.6544 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(118, 110, 100)` looks like.

```
.text, #text, p{  
    color:rgb(118, 110, 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(118, 110, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 110, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9043, -1.1804, 6.6544 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(118, 110, 100) }
```


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

```
.border{ border-color:rgb(118, 110, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 110, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 110, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 110, 100);  
box-shadow:4px 4px 4px 4px rgb(118, 110,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9043, -1.1804, 6.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 110, 100) }
```

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

```
.background{ background-color: rgb(118,  
110, 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