

Converting Colors

HunterLab(39.7701, -5.5181,
3.8337)

Have a look what the booklet for
HunterLab(39.7701, -5.5181, 3.8337)
contains.

HunterLab(39.7679, -5.5517, 3.6693)	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(39.7679, -5.5517,
3.6693)**

Conversions

Conversions Part 1

Format	Color
Hex	68716B
RGB	104, 113, 107
RGB Percent	41%, 44%, 42%
CMY	0.5922, 0.5569, 0.5804
CMYK	0.08, 0.00, 0.05, 0.56
HSL	140°, 4%, 43%
HSV	140°, 8%, 44%
XYZ	14.2679, 15.8149, 16.2105
YIQ	109.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

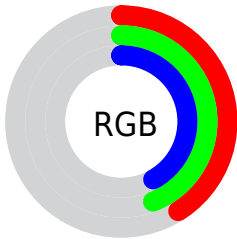
Format	Color
R_{YB}	104, 111, 113
Decimal	6844779
CIE Lab	46.73, -4.66, 2.16
CIE LCh	47, 5.135, 155.167
Yxy	15.8155, 0.3082, 0.3416
Android (android.graphics.Color)	4285034859 (0xFF68716B)
YUV	109.6250, -1.2941, -4.9331
Hunter-Lab	39.7679, -5.5517, 3.6693

Details

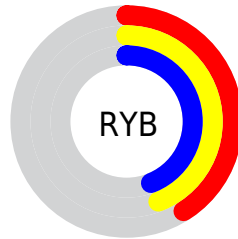
The HunterLab color $39.7679, -5.5517, 3.6693$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38.1281, 1.5118, 0.5802$, and the grayscale version is $39.3508, -2.0997, 2.1380$.

A 20% lighter version of the original color is $60.2888, -7.3737, 5.2088$, and $22.3085, -3.8876, 2.3166$ is the 20% darker color. If you saturate the color by 10%, you get $38.7714, -9.5466, 5.4928$, and if you desaturate by 10%, it is $40.8697, -1.2780, 1.8342$.

Distribution



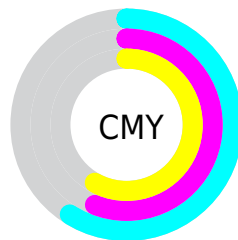
- Red (41%)
- Green (44%)
- Blue (42%)



- Red (41%)
- Yellow (44%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.7679, -5.5517, 3.6693 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 39.7679, -5.5517, 3.6693 by changing the saturation by 10% instead.

■ 39.7679, -5.5517,
3.6693

■ 39.7679, -5.5517,
3.6693

151.0797,
-13.4738, 10.6001

■ 30.6492, -4.7700,
3.0431

■ 60.2309, -7.1708,
5.0155

■ 22.3581, -4.0009,
2.4477

■ 71.4750, -8.0094,
5.7325

■ 14.9887, -3.2379,
1.8832

■ 83.3429, -8.8685,
6.4778

■ 8.6326, -2.8132,
1.5053

■ 95.8035, -9.7484,
7.2506

0.0000, NaN, NaN

0.0000, NaN, NaN

108.8297,
-10.6490, 8.0499

0.0000, NaN, NaN

122.3980,

0.0000, NaN, NaN

-11.5702, 8.8751

0.0000, NaN, NaN

136.4875,
-12.5119, 9.7254

■ 39.7679, -5.5517,
3.6693

■ 39.7679, -5.5517,
3.6693

■ 38.7714, -9.5466,
5.4928

■ 40.8697, -1.2780,
1.8342

■ 37.8807, -13.2228,
7.2870

■ 42.0704, 3.2398,
-0.0001

■ 37.0986, -16.5461,
9.0347

■ 43.3669, 7.9647,
-1.8214

■ 36.4259, -19.4855,
10.7172

■ 44.7544, 12.8636,
-3.6199

■ 35.8621, -22.0172,
12.3155

■ 46.2283, 17.9060,
-5.3883

■ 35.4049, -24.1267,
13.8113

■ 47.7839, 23.0656,
-7.1212

■ 35.0500, -25.8116,
15.1878

■ 49.4164, 28.3191,
-8.8147

■ 34.7909, -27.0836,
16.4300

■ 51.1213, 33.6472,
-10.4665

■ 34.6027, -28.0372,
17.5137

■ 52.8942, 39.0334,
-12.0755

Harmonies

Analogous

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



39.7687, -4.3137, 5.0392



39.7679, -5.5517, 3.6693



39.7687, -5.8802, 1.8340

Triad

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



39.7687, -5.5526, 3.6699



39.7687, -1.7774, -1.6517



39.7687, 1.0670, 4.2136

Complementary

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



39.7679, -5.5517, 3.6693



38.1281, 1.5118, 0.5802

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.



39.7687, 1.7768, 2.4926



39.7679, -5.5517, 3.6693



39.7687, 0.1140, -0.9418

Square

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



39.7687, -5.5526, 3.6699



39.7687, -3.7255, -1.2986



39.7687, 1.4246, 0.5983



39.7687, -0.4969, 5.3421

Rectangle

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



39.7679, -5.5517, 3.6693



39.7687, -5.5434, 0.5782



39.7687, 1.4246, 0.5983



39.7687, 1.4148, 3.6884

Sweetspot

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



39.7687, -5.5526, 3.6699



54.0703, -4.0902, 3.4593



40.1686, -4.2892, 5.3451



26.0141, -1.9217, 1.6442



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



39.7687, -5.5526, 3.6699



52.8962, -8.6952, 5.4744



39.8867, -4.8974, 1.9859



19.4419, -2.9295, 1.8911



36.8099, -30.0826, 18.9304



82.0680, -67.6946, 43.5554

Inverse Universe

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



38.1281, 1.5118, 0.5802



50.0740, 3.4598, 0.1602



38.0067, 0.8566, 2.3111



18.5350, 0.9757, 0.1834



21.3546, 39.2763, -7.1765



47.4884, 87.0395, -13.6093

Previews

White Background



This preview shows how the HunterLab color 39.7679, -5.5517, 3.6693 looks on a white background.

Color Contrast Check

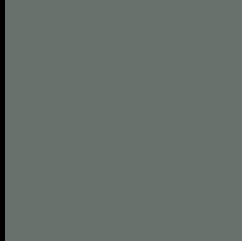
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7679, -5.5517, 3.6693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

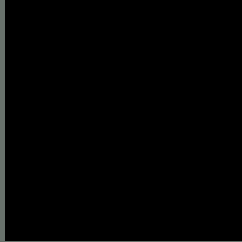
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

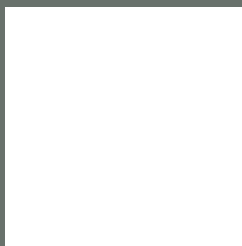
Any Text WCAG AAA × Fail

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

HunterLab 39.7679, -5.5517, 3.6693 Background



This preview shows how black text looks on a background with the HunterLab color 39.7679, -5.5517, 3.6693.

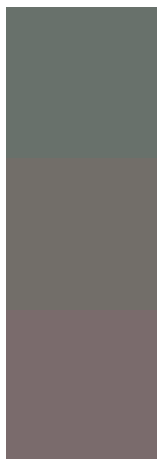


This preview shows how white text looks on a background with the HunterLab color 39.7679, -5.5517,

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

39.7679, -5.5517, 3.6693

Protanopia

39.6852, -1.6877, 4.4575

Deuteranopia

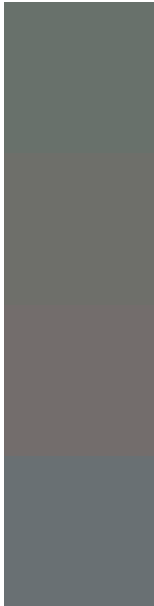
39.6682, 2.5351, 3.2827



Tritanopia

39.7355, -2.0712, -2.0653

Trichromacy



Original Color

39.7679, -5.5517, 3.6693

Protanomaly

39.6541, -3.1501, 3.9918

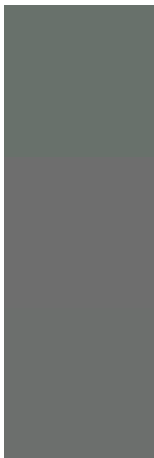
Deuteranomaly

39.5788, -0.5052, 3.1264

Tritanomaly

39.7862, -3.6100, 0.2821

Monochromacy



Original Color

39.7679, -5.5517, 3.6693

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.5742, -3.2700, 2.6522

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.7679, -5.5517, 3.6693 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(104, 113, 107)` looks like.

```
.text, #text, p{  
    color:rgb(104, 113, 107)  
}
```

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(104, 113, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 113, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 39.7679, -5.5517, 3.6693 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(104, 113, 107) }
```


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

```
.border{ border-color:rgb(104, 113, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 113, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 113, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 113, 107);  
box-shadow:4px 4px 4px 4px rgb(104, 113,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.7679, -5.5517, 3.6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 113, 107) }
```

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

```
.background{ background-color: rgb(104,  
113, 107) }
```

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