

Converting Colors

HunterLab(46.0512, -5.6690,
1.3674)

Have a look what the booklet for
HunterLab(46.0512, -5.6690, 1.3674)
contains.

HunterLab(45.9750, -5.5857, 1.4480)	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(45.9750, -5.5857,
1.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	768181
RGB	118, 129, 129
RGB Percent	46%, 51%, 51%
CMY	0.5373, 0.4941, 0.4941
CMYK	0.09, 0.00, 0.00, 0.49
HSL	180°, 4%, 48%
HSV	180°, 9%, 51%
XYZ	19.2839, 21.1370, 23.8323
YIQ	125.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

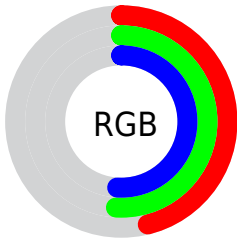
Format	Color
R_{YB}	118, 124, 129
Decimal	7766401
CIE Lab	53.10, -4.04, -1.39
CIE LCh	53, 4.273, 199.035
Yxy	21.1379, 0.3001, 0.3290
Android (android.graphics.Color)	4285956481 (0xFF768181)
YUV	125.7110, 1.6215, -6.7625
Hunter-Lab	45.9750, -5.5857, 1.4480

Details

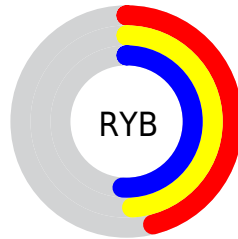
The HunterLab color $45.9750, -5.5857, 1.4480$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43.5115, 0.9892, 3.4728$, and the grayscale version is $45.5602, -2.4310, 2.4754$.

A 20% lighter version of the original color is $67.3642, -7.2618, 2.4309$, and $27.6018, -4.0535, 0.6347$ is the 20% darker color. If you saturate the color by 10%, you get $45.0506, -8.9035, 0.2714$, and if you desaturate by 10%, it is $47.0146, -1.9449, 2.7432$.

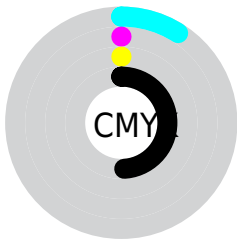
Distribution



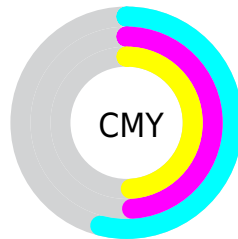
- Red (46%)
- Green (51%)
- Blue (51%)



- Red (46%)
- Yellow (49%)
- Blue (51%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.9750, -5.5857, 1.4480 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 45.9750, -5.5857, 1.4480 by changing the saturation by 10% instead.

■ 45.9750, -5.5857,
1.4480

■ 45.9750, -5.5857,
1.4480

160.6270,
-13.3669, 7.1547

■ 36.3660, -4.8313,
1.0029

■ 67.3178, -7.1618,
2.4707

■ 27.5383, -4.0955,
0.6064

■ 78.9631, -7.9825,
3.0405

■ 19.5695, -3.3759,
0.2654

■ 91.2117, -8.8256,
3.6463

■ 12.5648, -2.6651,
-0.0110

104.0354, -9.6907,
4.2861

■ 5.8583, -3.3177,
-0.6673

117.4094,
-10.5777, 4.9582

0.0000, NaN, NaN

131.3119,

0.0000, NaN, NaN

-11.4863, 5.6612

0.0000, NaN, NaN

145.7236,
-12.4162, 6.3937

0.0000, NaN, NaN

■ 45.9750, -5.5857,
1.4480

■ 45.9750, -5.5857,
1.4480

■ 45.0506, -8.9035,
0.2714

■ 47.0146, -1.9449,
2.7432

■ 44.2400, -11.8685,
-0.7797

■ 48.1641, 1.9918,
4.1445

■ 43.5445, -14.4594,
-1.6970

■ 49.4213, 6.1922,
5.6421

■ 42.9630, -16.6604,
-2.4754

■ 50.7822, 10.6252,
7.2251

■ 42.4929, -18.4640,
-3.1126

■ 52.2427, 15.2606,
8.8833

■ 42.1297, -19.8726,
-3.6097

■ 53.7982, 20.0703,
10.6068

■ 41.8670, -20.8999,
-3.9716

■ 55.4442, 25.0285,
12.3866

■ 41.6961, -21.5724,
-4.2081

■ 57.1759, 30.1120,
14.2147

■ 41.5908, -21.9883,
-4.3538

■ 58.9888, 35.3005,
16.0839

Harmonies

Analogous

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



45.9760, -5.7055, 3.1060



45.9750, -5.5857, 1.4480



45.9760, -4.6361, 0.0250

Triad

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



45.9760, -5.5866, 1.4487



45.9760, 0.1072, 0.3591



45.9760, -1.8153, 5.5290

Complementary

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



45.9750, -5.5857, 1.4480



43.5115, 0.9892, 3.4728

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.



45.9760, -0.2337, 4.8496



45.9750, -5.5857, 1.4480



45.9760, 0.8872, 1.8909

Square

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



45.9760, -5.5866, 1.4487



45.9760, -1.3555, -0.6201



45.9760, 0.7615, 3.5321



45.9760, -3.5455, 5.4206

Rectangle

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



45.9750, -5.5857, 1.4480



45.9760, -3.6508, -0.5808



45.9760, 0.7615, 3.5321



45.9760, -1.2482, 5.3862

Sweetspot

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



45.9760, -5.5866, 1.4487



62.2636, -4.8674, 2.8655



45.6878, -7.2181, 5.7835



29.5740, -2.4854, 1.3030



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



45.9760, -5.5866, 1.4487



61.3015, -8.2648, 1.6584



44.4671, -3.1441, -0.3481



22.1063, -2.7830, 0.6642



41.0524, -21.7689, -4.3192

0.0000, NaN, NaN

Inverse Universe

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



43.5115, 0.9892, 3.4728



57.3519, 2.2776, 4.9036



44.9672, -1.4992, 5.0831



20.8429, 0.5885, 1.7019



21.3321, 36.5320, 13.7824

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 45.9750, -5.5857, 1.4480 looks on a white background.

Color Contrast Check

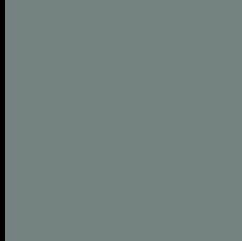
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.9750, -5.5857, 1.4480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

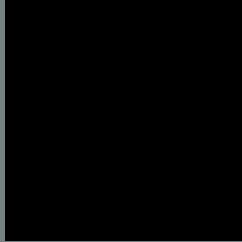
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

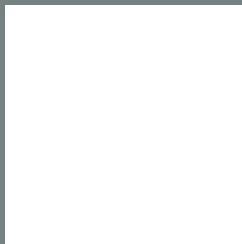
Any Text WCAG AAA × Fail

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

HunterLab 45.9750, -5.5857, 1.4480 Background



This preview shows how black text looks on a background with the HunterLab color 45.9750, -5.5857, 1.4480.



This preview shows how white text looks on a background with the HunterLab color 45.9750, -5.5857,

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

45.9750, -5.5857, 1.4480

Protanopia

45.9577, -1.4065, 2.3909

Deuteranopia

45.9304, 2.9008, 1.0909



Tritanopia

46.1155, -3.0852, -2.5518

Trichromacy



Original Color

45.9750, -5.5857, 1.4480

Protanomaly

45.9317, -2.8776, 1.8911

Deuteranomaly

45.8528, -0.1702, 0.9432

Tritanomaly

45.9451, -3.8678, -1.3359

Monochromacy



Original Color

45.9750, -5.5857, 1.4480

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.7406, -3.6029, 2.0956

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.9750, -5.5857, 1.4480 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, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(118, 129, 129)  
}
```

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, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 129, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 45.9750, -5.5857, 1.4480 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, 129, 129) }
```


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

```
.border{ border-color:rgb(118, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(118, 129,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.9750, -5.5857, 1.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 129, 129) }
```

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

```
.background{ background-color: rgb(118,  
129, 129) }
```

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