

Converting Colors

HunterLab(45.3876, -3.8956,
-1.5398)

Have a look what the booklet for
HunterLab(45.3876, -3.8956,
-1.5398) contains.

HunterLab(45.4773, -4.1126, -1.4537)	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(45.4773, -4.1126,
-1.4537)**

Conversions

Conversions Part 1

Format	Color
Hex	757F86
RGB	117, 127, 134
RGB Percent	46%, 50%, 53%
CMY	0.5412, 0.5019, 0.4745
CMYK	0.13, 0.05, 0.00, 0.47
HSL	205°, 7%, 49%
HSV	205°, 13%, 53%
XYZ	19.2285, 20.6818, 25.5328
YIQ	124.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

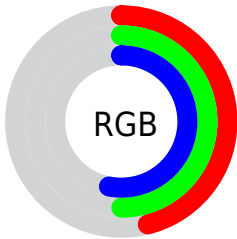
Format	Color
R_{YB}	117, 123, 134
Decimal	7700358
CIE Lab	52.60, -2.17, -5.06
CIE LCh	53, 5.501, 246.795
Yxy	20.6827, 0.2938, 0.3160
Android (android.graphics.Color)	4285890438 (0xFF757F86)
YUV	124.8080, 4.5317, -6.8476
Hunter-Lab	45.4773, -4.1126, -1.4537

Details

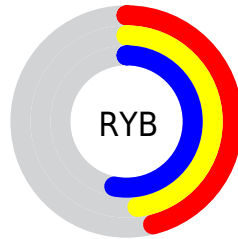
The HunterLab color $45.4773, -4.1126, -1.4537$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45.5718, -0.4329, 6.1774$, and the grayscale version is $45.1965, -2.4116, 2.4556$.

A 20% lighter version of the original color is $66.8322, -5.7063, -0.6263$, and $27.1184, -2.8371, -1.6773$ is the 20% darker color. If you saturate the color by 10%, you get $42.9346, -5.0299, -4.7784$, and if you desaturate by 10%, it is $48.1067, -2.9543, 1.7936$.

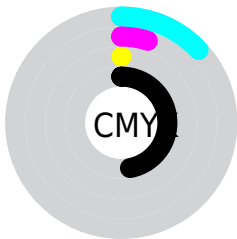
Distribution



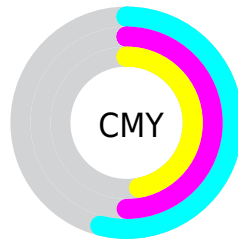
- Red (46%)
- Green (50%)
- Blue (53%)



- Red (46%)
- Yellow (48%)
- Blue (53%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4773, -4.1126, -1.4537 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 45.4773, -4.1126, -1.4537 by changing the saturation by 10% instead.

■ 45.4773, -4.1126,
-1.4537

■ 45.4773, -4.1126,
-1.4537

159.8710,
-11.1107, 2.8707

■ 35.9058, -3.4726,
-1.7026

■ 66.7524, -5.4828,
-0.7887

■ 27.1190, -2.8619,
-1.8881

■ 78.3667, -6.2096,
-0.3839

■ 19.1956, -2.2816,
-1.9995

■ 90.5859, -6.9634,
0.0644

■ 12.2426, -1.7304,
-2.0225

103.3815, -7.7434,
0.5532

■ 5.3655, -2.0469,
-3.6141

116.7285, -8.5488,
1.0802

0.0000, NaN, NaN

0.0000, NaN, NaN

130.6051, -9.3789,

1.6433

0.0000, NaN, NaN

144.9918,
-10.2331, 2.2406

0.0000, NaN, NaN

■ 45.4773, -4.1126,
-1.4537

■ 45.4773, -4.1126,
-1.4537

■ 42.9346, -5.0299,
-4.7784

■ 48.1067, -2.9543,
1.7936

■ 40.4833, -5.6723,
-8.1861

■ 50.8131, -1.5804,
4.9659

■ 38.1325, -6.0060,
-11.6769

■ 53.5916, -0.0162,
8.0697

■ 35.8912, -5.9939,
-15.2477

■ 56.4365, 1.7171,
11.1110

■ 33.7686, -5.5985,
-18.8907

■ 59.3433, 3.6010,
14.0958

■ 31.7739, -4.7849,
-22.5916

■ 62.3075, 5.6196,
17.0297

■ 29.9154, -3.5262,
-26.3294

■ 65.3254, 7.7592,
19.9183

■ 28.1986, -1.8124,
-30.0789

■ 68.3936, 10.0079,
22.7665

■ 26.9999, -0.3936,
-32.8980

■ 71.5090, 12.3555,
25.5792

Harmonies

Analogous

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



45.4782, -5.8264, -0.0472



45.4773, -4.1126, -1.4537



45.4782, -1.9184, -1.7831

Triad

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



45.4782, -4.1135, -1.4529



45.4782, 1.9266, 2.9575



45.4782, -4.9798, 5.6353

Complementary

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



45.4773, -4.1126, -1.4537



45.5718, -0.4329, 6.1774

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.



45.4782, -2.9375, 6.3584



45.4773, -4.1126, -1.4537



45.4782, 1.0711, 4.8615

Square

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



45.4782, -4.1135, -1.4529



45.4782, 1.5971, 0.8316



45.4782, -0.7197, 6.0820



45.4782, -6.3198, 4.0602

Rectangle

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



45.4773, -4.1126, -1.4537



45.4782, -0.4714, -1.3351



45.4782, -0.7197, 6.0820



45.4782, -4.3542, 5.9825

Sweetspot

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



45.4782, -4.1135, -1.4529



63.3593, -4.1551, 1.7828



47.2045, -8.9193, 5.0630



29.9619, -2.0240, 0.7110



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



45.4782, -4.1135, -1.4529



59.4619, -5.8146, -3.0851



43.1577, -0.2479, -4.3963



22.2842, -1.7893, -0.1371



26.1783, -0.4504, -31.7483



1.9534, -0.6537, -1.0304

Inverse Universe

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



43.9586, 4.3826, 0.0811



57.0545, 7.7779, -0.5653



47.8926, -4.2957, 8.6009



21.7514, 1.1524, 0.3758



22.9756, 41.6487, -3.0008



1.4051, 2.6403, -0.9059

Previews

White Background



This preview shows how the HunterLab color 45.4773, -4.1126, -1.4537 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 45.4773, -4.1126, -1.4537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

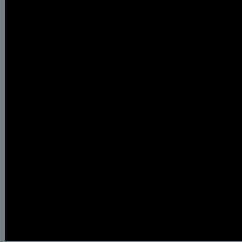
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

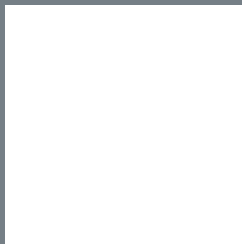
Any Text WCAG AAA × Fail

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

HunterLab 45.4773, -4.1126, -1.4537 Background



This preview shows how black text looks on a background with the HunterLab color 45.4773, -4.1126, -1.4537.



This preview shows how white text looks on a background with the HunterLab color 45.4773, -4.1126, -1.4537.

-1.4537.

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

45.4773, -4.1126, -1.4537

Protanopia

45.5200, -1.1359, -0.8737

Deuteranopia

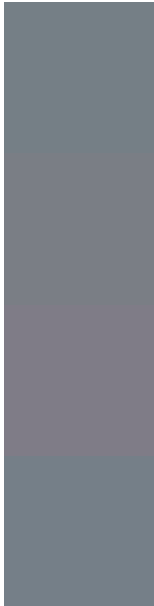
45.4476, 2.9680, -1.8465



Tritanopia

45.5706, -3.5988, -2.7746

Trichromacy



Original Color

45.4773, -4.1126, -1.4537

Protanomaly

45.5552, -2.4501, -0.8527

Deuteranomaly

45.4715, 0.2436, -1.8638

Tritanomaly

45.5392, -3.7714, -2.3308

Monochromacy



Original Color

45.4773, -4.1126, -1.4537

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.4068, -3.2642, 1.2562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4773, -4.1126, -1.4537 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(117, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(117, 127, 134)  
}
```

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(117, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 127, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4773, -4.1126, -1.4537 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(117, 127, 134) }
```


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

```
.border{ border-color:rgb(117, 127, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(117, 127,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4773, -4.1126, -1.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 127, 134) }
```

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

```
.background{ background-color: rgb(117,  
127, 134) }
```

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