

Converting Colors

HunterLab(48.5406, -4.0983,
0.6078)

Have a look what the booklet for
HunterLab(48.5406, -4.0983, 0.6078)
contains.

HunterLab(48.4504, -3.6822, 0.3662)	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(48.4504, -3.6822,
0.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	80868A
RGB	128, 134, 138
RGB Percent	50%, 53%, 54%
CMY	0.4980, 0.4745, 0.4588
CMYK	0.07, 0.03, 0.00, 0.46
HSL	204°, 4%, 52%
HSV	204°, 7%, 54%
XYZ	22.0147, 23.4744, 27.4155
YIQ	132.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

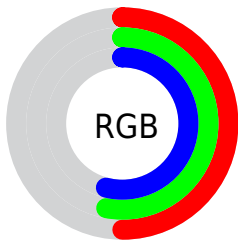
Format	Color
R_{YB}	128, 132, 138
Decimal	8423050
CIE Lab	55.56, -1.38, -2.92
CIE LCh	56, 3.224, 244.733
Yxy	23.4754, 0.3020, 0.3220
Android (android.graphics.Color)	4286613130 (0xFF80868A)
YUV	132.6620, 2.6316, -4.0886
Hunter-Lab	48.4504, -3.6822, 0.3662

Details

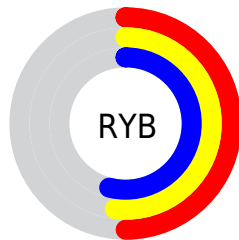
The HunterLab color $48.4504, -3.6822, 0.3662$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.4398, -1.3825, 4.8272$, and the grayscale version is $48.2891, -2.5766, 2.6236$.

A 20% lighter version of the original color is $70.0899, -4.9213, 1.4077$, and $29.5085, -2.3019, -0.4078$ is the 20% darker color. If you saturate the color by 10%, you get $45.8164, -4.8463, -2.9693$, and if you desaturate by 10%, it is $51.1708, -2.2819, 3.6309$.

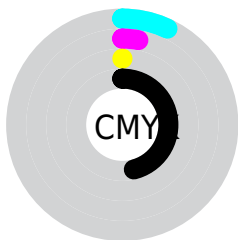
Distribution



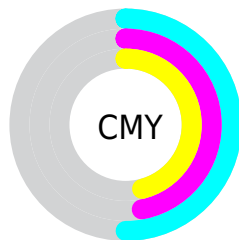
- Red (50%)
- Green (53%)
- Blue (54%)



- Red (50%)
- Yellow (52%)
- Blue (54%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4504, -3.6822, 0.3662 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 48.4504, -3.6822, 0.3662 by changing the saturation by 10% instead.

■ 48.4504, -3.6822,
0.3662

■ 48.4504, -3.6822,
0.3662

164.3647,
-10.4289, 5.5798

■ 38.6587, -3.0800,
-0.0095

■ 70.1233, -4.9856,
1.2620

■ 29.6323, -2.5109,
-0.3317

■ 81.9198, -5.6821,
1.7731

■ 21.4440, -1.9774,
-0.5924

■ 94.3122, -6.4072,
2.3227

■ 14.1903, -1.4812,
-0.7806

107.2734, -7.1599,
2.9086

■ 7.8446, -1.1834,
-1.1136

120.7792, -7.9392,
3.5288

0.0000, NaN, NaN

0.0000, NaN, NaN

134.8087, -8.7443,

4.1817

0.0000, NaN, NaN

149.3428, -9.5744,
4.8658

0.0000, NaN, NaN

■ 48.4504, -3.6822,
0.3662

■ 48.4504, -3.6822,
0.3662

■ 45.8164, -4.8463,
-2.9693

■ 51.1708, -2.2819,
3.6309

■ 43.2730, -5.7408,
-6.3811

■ 53.9680, -0.6696,
6.8267

■ 40.8293, -6.3326,
-9.8691

■ 56.8371, 1.1302,
9.9597

■ 38.4938, -6.5851,
-13.4311

■ 59.7729, 3.0968,
13.0351

■ 36.2758, -6.4601,
-17.0602

■ 62.7706, 5.2125,
16.0583

■ 34.1842, -5.9207,
-20.7440

■ 65.8261, 7.4617,
19.0347

■ 32.2279, -4.9354,
-24.4639

■ 68.9356, 9.8312,
21.9692

■ 30.4133, -3.4852,
-28.1959

■ 72.0959, 12.3094,
24.8665

■ 28.7309, -1.6162,
-31.9448

■ 75.3039, 14.8863,
27.7307

Harmonies

Analogous

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



48.4514, -4.6881, 1.2193



48.4504, -3.6822, 0.3662



48.4514, -2.3750, 0.1294

Triad

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



48.4514, -3.6832, 0.3670



48.4514, 0.0080, 2.8392



48.4514, -4.0478, 4.6096

Complementary

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



48.4504, -3.6822, 0.3662



48.4398, -1.3825, 4.8272

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.



48.4514, -2.8004, 5.0180



48.4504, -3.6822, 0.3662



48.4514, -0.4512, 4.0138

Square

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



48.4514, -3.6832, 0.3670



48.4514, -0.2346, 1.5790



48.4514, -1.4827, 4.8029



48.4514, -4.8970, 3.6724

Rectangle

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



48.4504, -3.6822, 0.3662



48.4514, -1.5046, 0.3569



48.4514, -1.4827, 4.8029



48.4514, -3.6616, 4.8121

Sweetspot

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



48.4514, -3.6832, 0.3670



66.1917, -3.9590, 2.7537



49.4247, -6.5172, 4.2252



31.3720, -1.8627, 1.3326



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



48.4514, -3.6832, 0.3670



63.6365, -5.2165, -0.3671



47.0840, -1.4111, -1.2903



23.1487, -1.8947, -0.1270



27.1288, -1.1233, -31.4839



2.7862, -0.9571, -1.4164

Inverse Universe

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



47.5009, 1.4397, 1.1416



62.0483, 3.3973, 0.9614



49.8058, -3.6552, 6.3147



22.5736, 1.2243, 0.3538



23.5099, 42.6992, -3.7054



1.9904, 3.7457, -1.3263

Previews

White Background



This preview shows how the HunterLab color 48.4504, -3.6822, 0.3662 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 48.4504, -3.6822, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

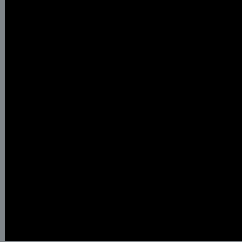
Any Text WCAG AA ✓ Pass

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 48.4504, -3.6822, 0.3662 Background



This preview shows how black text looks on a background with the HunterLab color 48.4504, -3.6822, 0.3662.



This preview shows how white text looks on a background with the HunterLab color 48.4504, -3.6822,

0.3662.

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

48.4504, -3.6822, 0.3662

Protanopia

48.3498, -1.1832, 0.7501

Deuteranopia

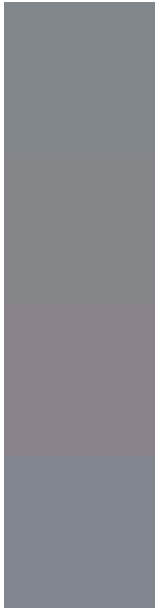
48.3779, 3.2942, -0.0677



Tritanopia

48.4312, -1.9204, -2.4920

Trichromacy



Original Color

48.4504, -3.6822, 0.3662

Protanomaly

48.4631, -2.2379, 0.8694

Deuteranomaly

48.4768, 0.8048, 0.0106

Tritanomaly

48.3686, -2.2629, -1.6047

Monochromacy



Original Color

48.4504, -3.6822, 0.3662

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.3214, -2.8481, 1.6009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4504, -3.6822, 0.3662 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(128, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(128, 134, 138)  
}
```

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(128, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 134, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4504, -3.6822, 0.3662 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(128, 134, 138) }
```


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

```
.border{ border-color:rgb(128, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(128, 134,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4504, -3.6822, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 134, 138) }
```

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

```
.background{ background-color: rgb(128,  
134, 138) }
```

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