

Converting Colors

HunterLab(45.1852, -12.0928,
-6.4673)

Have a look what the booklet for
HunterLab(45.1852, -12.0928,
-6.4673) contains.

HunterLab(45.1852, -12.0928, -6.4673)	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(45.1852,
-12.0928, -6.4673)**

Conversions

Conversions Part 1

Format	Color
Hex	55848F
RGB	85, 132, 143
RGB Percent	33%, 52%, 56%
CMY	0.6667, 0.4823, 0.4392
CMYK	0.41, 0.08, 0.00, 0.44
HSL	191°, 25%, 45%
HSV	191°, 41%, 56%
XYZ	16.9555, 20.4170, 29.0339
YIQ	119.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

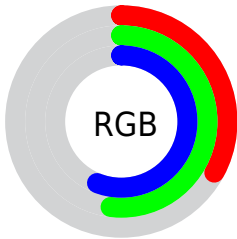
Format	Color
R_{YB}	85, 111, 143
Decimal	5604495
CIE _{Lab}	52.31, -12.95, -10.96
CIE _{LCh}	52, 16.968, 220.237
Yxy	20.4178, 0.2553, 0.3075
Android (android.graphics.Color)	4283794575 (0xFF55848F)
YUV	119.2010, 11.7329, -29.9943
Hunter-Lab	45.1852, -12.0928, -6.4673

Details

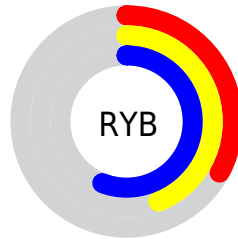
The HunterLab color **45.1852, -12.0928, -6.4673** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **38.5508, 11.9481, 10.7453**, and the grayscale version is **42.9941, -2.2941, 2.3360**.

A 20% lighter version of the original color is **66.3683, -14.6319, -6.5499**, and **26.7675, -9.1474, -6.6045** is the 20% darker color. If you saturate the color by 10%, you get **43.6907, -13.4459, -8.5788**, and if you desaturate by 10%, it is **46.7988, -10.3400, -4.2671**.

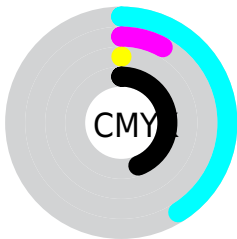
Distribution



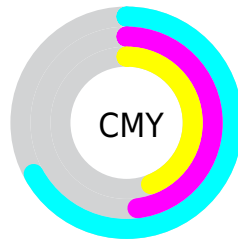
- Red (33%)
- Green (52%)
- Blue (56%)



- Red (33%)
- Yellow (44%)
- Blue (56%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1852, -12.0928, -6.4673 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 45.1852, -12.0928, -6.4673 by changing the saturation by 10% instead.

45.1852, -12.0928,
-6.4673

45.1852, -12.0928,
-6.4673

159.4265,
-23.6284, -4.2257

35.6358, -10.7782,
-6.4354

66.4203, -14.6652,
-6.3278

26.8732, -9.4260,
-6.3274

78.0163, -15.9383,
-6.1697

18.9766, -8.0120,
-6.1345

90.2182, -17.2095,
-5.9587

12.0542, -6.4904,
-5.8526

102.9971,
-18.4821, -5.6987

5.0530, -8.8427,
-8.7425

116.3283,
-19.7586, -5.3927

0.0000, NaN, NaN

0.0000, NaN, NaN

130.1896,

-21.0410, -5.0437

0.0000, NaN, NaN

144.5615,
-22.3305, -4.6540

0.0000, NaN, NaN

■ 45.1852, -12.0928,
-6.4673

■ 45.1852, -12.0928,
-6.4673

■ 43.6907, -13.4459,
-8.5788

■ 46.7988, -10.3400,
-4.2671

■ 42.3152, -14.3766,
-10.5889

■ 48.5250, -8.2134,
-1.9950

■ 41.0604, -14.8719,
-12.4835

■ 50.3601, -5.7432,
0.3361

■ 39.9247, -14.9306,
-14.2519

■ 52.2989, -2.9603,
2.7137

■ 38.9027, -14.5689,
-15.8891

■ 54.3362, 0.1050,
5.1274

■ 38.0092, -13.9658,
-17.3601

■ 56.4666, 3.4238,
7.5680

■ 58.6846, 6.9693,
10.0281

■ 60.9851, 10.7168,
12.5017

■ 63.3633, 14.6444,
14.9842

Harmonies

Analogous

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



45.1861, -14.7313, 0.1609



45.1852, -12.0928, -6.4673



45.1861, -6.8085, -11.0882

Triad

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



45.1861, -12.0932, -6.4666



45.1861, 10.7493, -2.0150



45.1861, -4.7450, 13.1915

Complementary

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



45.1852, -12.0928, -6.4673



38.5508, 11.9481, 10.7453

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.



45.1861, 2.1563, 12.7895



45.1852, -12.0928, -6.4673



45.1861, 11.3840, 4.6435

Square

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



45.1861, -12.0932, -6.4666



45.1861, 6.4711, -8.2632



45.1861, 8.1566, 9.8697



45.1861, -10.6605, 11.0651

Rectangle

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



45.1852, -12.0928, -6.4673



45.1861, -2.3586, -12.0530



45.1861, 8.1566, 9.8697



45.1861, -2.4682, 13.3389

Sweetspot

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



45.1861, -12.0932, -6.4666



66.9662, -8.2768, -0.0841



47.3439, -23.7951, 15.0077



31.9335, -4.1490, -0.2101



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



45.1861, -12.0932, -6.4666



58.5681, -17.9128, -11.3359



36.9982, 0.8266, -18.8318



24.3821, -2.5899, 0.3187



35.7802, -13.1858, -16.2577



3.8902, -1.7974, -0.9823

Inverse Universe

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



37.4208, 23.9124, -11.1116



46.3572, 40.2446, -18.6456



45.9027, -1.5644, 17.1561



23.4387, 1.5002, -0.2074



25.0574, 47.3627, -18.3131



2.5090, 4.8382, -2.5760

Previews

White Background



This preview shows how the HunterLab color 45.1852, -12.0928, -6.4673 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 45.1852, -12.0928, -6.4673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

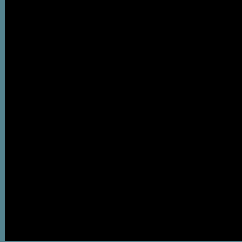
Any Text WCAG AA ✓ Pass

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 45.1852, -12.0928, -6.4673 Background



This preview shows how black text looks on a background with the HunterLab color 45.1852, -12.0928, -6.4673.



This preview shows how white text looks on a background with the HunterLab color 45.1852, -12.0928, -6.4673.

-12.0928, -6.4673.

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

45.1852, -12.0928, -6.4673

Protanopia

44.9255, -0.0817, -3.5527

Deuteranopia

44.8940, 3.1525, -7.6595



Tritanopia

45.1852, -12.0928, -6.4673

Trichromacy



Original Color

45.1852, -12.0928, -6.4673

Protanomaly

44.7627, -4.8506, -4.8557

Deuteranomaly

44.7888, -2.9644, -7.3816

Tritanomaly

45.1852, -12.0928, -6.4673

Monochromacy



Original Color

45.1852, -12.0928, -6.4673

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

43.7031, -6.3625, -0.8874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1852, -12.0928, -6.4673 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(85, 132, 143)` looks like.

```
.text, #text, p{  
    color:rgb(85, 132, 143)  
}
```

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(85, 132, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 132, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1852, -12.0928, -6.4673 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(85, 132, 143) }
```


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

```
.border{ border-color:rgb(85, 132, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 132, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 132, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 132, 143);  
box-shadow:4px 4px 4px 4px rgb(85, 132,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1852, -12.0928, -6.4673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 132, 143) }
```

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

```
.background{ background-color: rgb(85, 132,  
143) }
```

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