

Converting Colors

HunterLab(49.5174, -12.8563,
-0.7326)

Have a look what the booklet for
HunterLab(49.5174, -12.8563,
-0.7326) contains.

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Color

**HunterLab(49.5693,
-12.9639, -0.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	688F8F
RGB	104, 143, 143
RGB Percent	41%, 56%, 56%
CMY	0.5921, 0.4392, 0.4392
CMYK	0.27, 0.00, 0.00, 0.44
HSL	180°, 16%, 48%
HSV	180°, 27%, 56%
XYZ	20.4893, 24.5712, 29.6494
YIQ	131.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

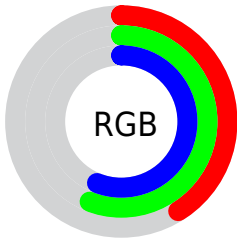
Format	Color
R_{YB}	104, 124, 143
Decimal	6852495
CIE _{Lab}	56.66, -13.37, -4.36
CIE _{LCh}	57, 14.063, 198.080
Y _{xy}	24.5721, 0.2743, 0.3289
Android (android.graphics.Color)	4285042575 (0xFF688F8F)
Y _{UV}	131.3390, 5.7489, -23.9763
Hunter-Lab	49.5693, -12.9639, -0.7652

Details

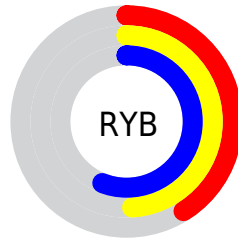
The HunterLab color $[49.5693, -12.9639, -0.7652]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[40.9151, 10.3194, 6.4125]$, and the grayscale version is $[47.7601, -2.5484, 2.5949]$.

A 20% lighter version of the original color is $[71.4364, -15.6831, -0.0975]$, and $[30.7103, -10.3497, -1.2510]$ is the 20% darker color. If you saturate the color by 10%, you get $[48.7726, -15.9311, -1.8159]$, and if you desaturate by 10%, it is $[50.4992, -9.5736, 0.4388]$.

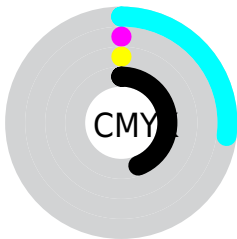
Distribution



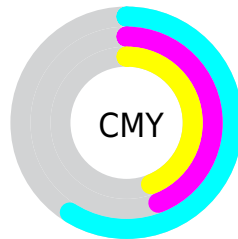
- Red (41%)
- Green (56%)
- Blue (56%)



- Red (41%)
- Yellow (49%)
- Blue (56%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (59%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5693, -12.9639, -0.7652 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 49.5693, -12.9639, -0.7652 by changing the saturation by 10% instead.

■ 49.5693, -12.9639,
-0.7652

■ 49.5693, -12.9639,
-0.7652

166.0423,
-24.6778, 3.9552

■ 39.6971, -11.6349,
-1.0725

■ 71.3879, -15.5728,
0.0045

■ 30.5835, -10.2728,
-1.3218

■ 83.2512, -16.8657,
0.4569

■ 22.2990, -8.8579,
-1.5042

■ 95.7074, -18.1571,
0.9503

■ 14.9369, -7.3543,
-1.6077

■ 108.7294,
-19.4501, 1.4822

■ 8.5842, -7.2447,
-1.6900

122.2937,
-20.7471, 2.0504

0.0000, NaN, NaN

0.0000, NaN, NaN

136.3794,

-22.0499, 2.6530

0.0000, NaN, NaN

150.9678,
-23.3598, 3.2884

0.0000, NaN, NaN

■ 49.5693, -12.9639,
-0.7652

■ 49.5693, -12.9639,
-0.7652

■ 48.7726, -15.9311,
-1.8159

■ 50.4992, -9.5736,
0.4388

■ 48.1051, -18.4543,
-2.7094

■ 51.5590, -5.7845,
1.7849

■ 47.5649, -20.5246,
-3.4419

■ 52.7476, -1.6288,
3.2632

■ 47.1471, -22.1439,
-4.0144

■ 54.0622, 2.8588,
4.8618

■ 46.8444, -23.3270,
-4.4324

■ 55.4990, 7.6421,
6.5684

■ 46.6470, -24.1037,
-4.7066

■ 57.0535, 12.6856,
8.3707

■ 46.5339, -24.5502,
-4.8640

■ 58.7207, 17.9547,
10.2568

■ 46.5068, -24.6572,
-4.9017

■ 60.4954, 23.4174,
12.2156

■ 62.3724, 29.0446,
14.2369

Harmonies

Analogous

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



49.5703, -13.2530, 4.8730



49.5693, -12.9639, -0.7652



49.5703, -9.9920, -6.0097

Triad

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



49.5703, -12.9646, -0.7645



49.5703, 6.0674, -5.0556



49.5703, -0.2858, 12.1275

Complementary

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



49.5693, -12.9639, -0.7652



40.9151, 10.3194, 6.4125

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.



49.5703, 5.1509, 10.0664



49.5693, -12.9639, -0.7652



49.5703, 8.9319, 0.4202

Square

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



49.5703, -12.9646, -0.7645



49.5703, 0.9178, -8.6794



49.5703, 8.5889, 5.9279



49.5703, -6.1150, 11.8891

Rectangle

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



49.5693, -12.9639, -0.7652



49.5703, -6.8065, -8.3776



49.5703, 8.5889, 5.9279



49.5703, 1.6531, 11.6915

Sweetspot

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



49.5703, -12.9646, -0.7645



68.8618, -8.2159, 2.2196



48.6081, -18.5729, 13.6516



32.8779, -4.2836, 0.9388



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.



49.5703, -12.9646, -0.7645



65.6288, -19.9667, -1.9509



44.0227, -4.4842, -7.9524



24.7312, -3.1479, 0.7311



43.7300, -23.1849, -4.6091



4.2759, -2.2669, -0.4508

Inverse Universe

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



40.9151, 10.3194, 6.4125



51.5054, 18.2313, 9.8285



45.7916, 1.3022, 11.2814



23.2897, 0.6987, 1.9159



22.7230, 38.9140, 14.6826



2.2218, 3.8050, 1.4354

Previews

White Background



This preview shows how the HunterLab color 49.5693, -12.9639, -0.7652 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 49.5693, -12.9639, -0.7652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

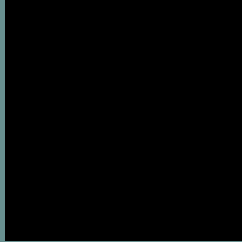
Any Text WCAG AA ✓ Pass

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 49.5693, -12.9639, -0.7652 Background



This preview shows how black text looks on a background with the HunterLab color 49.5693, -12.9639, -0.7652.



This preview shows how white text looks on a background with the HunterLab color 49.5693,

-12.9639, -0.7652.

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

49.5693, -12.9639, -0.7652

Protanopia

49.4786, -1.5632, 1.6483

Deuteranopia

49.4734, 3.1298, -1.5634



Tritanopia

49.4104, -9.8141, -5.8883

Trichromacy



Original Color

49.5693, -12.9639, -0.7652

Protanomaly

49.4271, -6.0375, 0.5892

Deuteranomaly

49.2839, -3.3370, -1.4325

Tritanomaly

49.5169, -11.2287, -3.7303

Monochromacy



Original Color

49.5693, -12.9639, -0.7652

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.1063, -6.5531, 1.2777

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5693, -12.9639, -0.7652 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, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(104, 143, 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(104, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 143, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5693, -12.9639, -0.7652 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, 143, 143) }
```


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

```
.border{ border-color:rgb(104, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(104, 143,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5693, -12.9639, -0.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 143, 143) }
```

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

```
.background{ background-color: rgb(104,  
143, 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](#).

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