

Converting Colors

HunterLab(49.9534, -13.0333,
-0.7738)

Have a look what the booklet for
HunterLab(49.9534, -13.0333,
-0.7738) contains.

HunterLab(49.9634, -13.0076, -0.7514)	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(49.9634,
-13.0076, -0.7514)**

Conversions

Conversions Part 1

Format	Color
Hex	699090
RGB	105, 144, 144
RGB Percent	41%, 56%, 56%
CMY	0.5882, 0.4353, 0.4353
CMYK	0.27, 0.00, 0.00, 0.44
HSL	180°, 16%, 49%
HSV	180°, 27%, 56%
XYZ	20.8330, 24.9634, 30.1059
YIQ	132.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

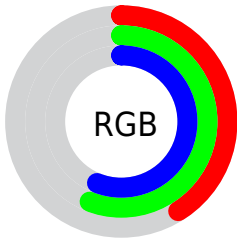
Format	Color
R_{YB}	105, 125, 144
Decimal	6918288
CIE _{Lab}	57.04, -13.36, -4.36
CIE _{LCh}	57, 14.054, 198.088
Y _{xy}	24.9644, 0.2745, 0.3289
Android (android.graphics.Color)	4285108368 (0xFF699090)
Y _{UV}	132.3390, 5.7489, -23.9763
Hunter-Lab	49.9634, -13.0076, -0.7514

Details

The HunterLab color $49.9634, -13.0076, -0.7514$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $41.2954, 10.3099, 6.4368$, and the grayscale version is $48.1548, -2.5694, 2.6163$.

A 20% lighter version of the original color is $71.8564, -15.7228, -0.0804$, and $31.0714, -10.4041, -1.2432$ is the 20% darker color. If you saturate the color by 10%, you get $49.1579, -16.0068, -1.8135$, and if you desaturate by 10%, it is $50.9034, -9.5819, 0.4651$.

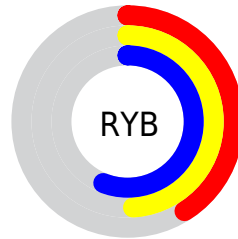
Distribution



Red (41%)

Green (56%)

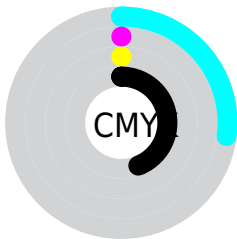
Blue (56%)



Red (41%)

Yellow (49%)

Blue (56%)

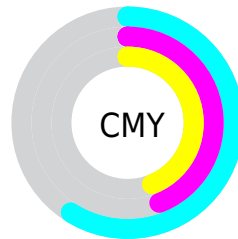


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9634, -13.0076, -0.7514 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 49.9634, -13.0076, -0.7514 by changing the saturation by 10% instead.

■ 49.9634, -13.0076,
-0.7514

■ 49.9634, -13.0076,
-0.7514

166.6315,
-24.7178, 3.9827

■ 40.0631, -11.6802,
-1.0608

■ 71.8328, -15.6146,
0.0221

■ 30.9191, -10.3203,
-1.3126

■ 83.7195, -16.9068,
0.4762

■ 22.6013, -8.9086,
-1.4978

■ 96.1979, -18.1978,
0.9712

■ 15.2015, -7.4102,
-1.6047

■ 109.2412,
-19.4906, 1.5045

■ 8.8287, -7.0652,
-1.6532

122.8259,
-20.7874, 2.0741

0.0000, NaN, NaN

0.0000, NaN, NaN

136.9313,

-22.0900, 2.6780

0.0000, NaN, NaN

151.5387,
-23.3997, 3.3147

0.0000, NaN, NaN

■ 49.9634, -13.0076,
-0.7514

■ 49.9634, -13.0076,
-0.7514

■ 49.1579, -16.0068,
-1.8135

■ 50.9034, -9.5819,
0.4651

■ 48.4827, -18.5582,
-2.7170

■ 51.9742, -5.7545,
1.8249

■ 47.9361, -20.6529,
-3.4581

■ 53.1751, -1.5578,
3.3178

■ 47.5130, -22.2924,
-4.0378

■ 54.5031, 2.9730,
4.9319

■ 47.2062, -23.4915,
-4.4614

■ 55.9541, 7.8016,
6.6547

■ 47.0057, -24.2800,
-4.7398

■ 57.5239, 12.8918,
8.4738

■ 46.8914, -24.7314,
-4.8989

■ 59.2072, 18.2090,
10.3772

■ 46.8624, -24.8457,
-4.9392

■ 60.9990, 23.7208,
12.3536

■ 62.8937, 29.3980,
14.3930

Harmonies

Analogous

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



49.9644, -13.2982, 4.8977



49.9634, -13.0076, -0.7514



49.9644, -10.0278, -6.0024

Triad

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



49.9644, -13.0083, -0.7506



49.9644, 6.0630, -5.0449



49.9644, -0.3039, 12.1743

Complementary

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



49.9634, -13.0076, -0.7514



41.2954, 10.3099, 6.4368

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.



49.9644, 5.1427, 10.1070



49.9634, -13.0076, -0.7514



49.9644, 8.9312, 0.4390

Square

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



49.9644, -13.0083, -0.7506



49.9644, 0.9050, -8.6730



49.9644, 8.5868, 5.9577



49.9644, -6.1446, 11.9345

Rectangle

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



49.9634, -13.0076, -0.7514



49.9644, -6.8348, -8.3722



49.9644, 8.5868, 5.9577



49.9644, 1.6387, 11.7370

Sweetspot

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



49.9644, -13.0083, -0.7506



68.8618, -8.2159, 2.2196



49.0003, -18.6268, 13.6959



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.



49.9644, -13.0083, -0.7506



65.6288, -19.9667, -1.9509



44.4105, -4.5141, -7.9409



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.



41.2954, 10.3099, 6.4368



51.5054, 18.2313, 9.8285



46.1821, 1.2814, 11.3211



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 49.9634, -13.0076, -0.7514 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 49.9634, -13.0076, -0.7514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

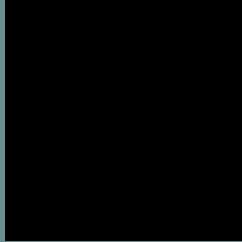
Any Text WCAG AA ✓ Pass

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 49.9634, -13.0076, -0.7514 Background



This preview shows how black text looks on a background with the HunterLab color 49.9634, -13.0076, -0.7514.



This preview shows how white text looks on a background with the HunterLab color 49.9634,

-13.0076, -0.7514.

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

49.9634, -13.0076, -0.7514

Protanopia

49.8755, -1.5830, 1.6686

Deuteranopia

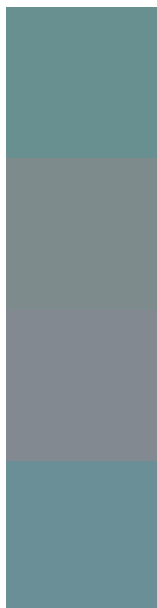
49.8700, 3.1155, -1.5467



Tritanopia

49.8045, -9.8538, -5.8776

Trichromacy



Original Color

49.9634, -13.0076, -0.7514

Protanomaly

49.8236, -6.0643, 0.6078

Deuteranomaly

49.6805, -3.3598, -1.4155

Tritanomaly

49.9110, -11.2702, -3.7186

Monochromacy



Original Color

49.9634, -13.0076, -0.7514

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.5010, -6.5808, 1.2969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9634, -13.0076, -0.7514 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(105, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(105, 144, 144)  
}
```

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(105, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 144, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9634, -13.0076, -0.7514 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(105, 144, 144) }
```


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

```
.border{ border-color:rgb(105, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(105, 144,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9634, -13.0076, -0.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 144, 144) }
```

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

```
.background{ background-color: rgb(105,  
144, 144) }
```

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