

Converting Colors

HunterLab(50.0139, -14.7802,
0.7065)

Have a look what the booklet for
HunterLab(50.0139, -14.7802,
0.7065) contains.

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Color

**HunterLab(49.9987,
-14.6227, 0.6708)**

Conversions

Conversions Part 1

Format	Color
Hex	66918D
RGB	102, 145, 141
RGB Percent	40%, 57%, 55%
CMY	0.6000, 0.4314, 0.4471
CMYK	0.30, 0.00, 0.03, 0.43
HSL	174°, 17%, 48%
HSV	174°, 30%, 57%
XYZ	20.4126, 24.9987, 28.9487
YIQ	131.6870, -24.3440, -10.3600

Conversions

Conversions Part 2

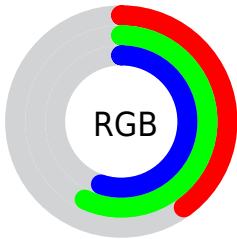
Format	Color
R_{YB}	102, 125, 145
Decimal	6721933
CIE _{Lab}	57.08, -15.55, -2.61
CIE _{LCh}	57, 15.767, 189.539
Yxy	24.9997, 0.2745, 0.3362
Android (android.graphics.Color)	4284912013 (0xFF66918D)
YUV	131.6870, 4.5913, -26.0355
Hunter-Lab	49.9987, -14.6227, 0.6708

Details

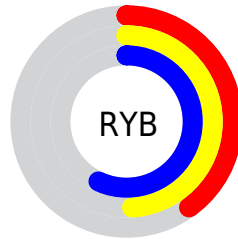
The HunterLab color $49.9987, -14.6227, 0.6708$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $40.6987, 12.2446, 5.4267$, and the grayscale version is $47.9022, -2.5559, 2.6026$.

A 20% lighter version of the original color is $71.8728, -17.4940, 1.3905$, and $30.8506, -11.4086, -0.2112$ is the 20% darker color. If you saturate the color by 10%, you get $49.1786, -17.7845, 0.2421$, and if you desaturate by 10%, it is $50.9537, -11.0335, 1.2653$.

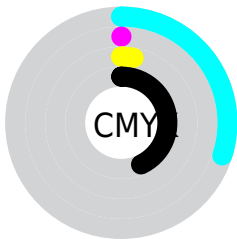
Distribution



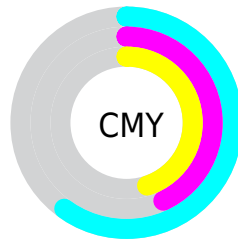
- Red (40%)
- Green (57%)
- Blue (55%)



- Red (40%)
- Yellow (49%)
- Blue (57%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (60%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9987, -14.6227, 0.6708 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 49.9987, -14.6227, 0.6708 by changing the saturation by 10% instead.

■ 49.9987, -14.6227,
0.6708

■ 49.9987, -14.6227,
0.6708

166.6843,
-27.2577, 6.0452

■ 40.0959, -13.1584,
0.2716

■ 71.8726, -17.4745,
1.6088

■ 30.9492, -11.6483,
-0.0761

■ 83.7614, -18.8780,
2.1391

■ 22.6284, -10.0687,
-0.3650

■ 96.2418, -20.2744,
2.7070

■ 15.2253, -8.3768,
-0.5851

■ 109.2870,
-21.6676, 3.3104

■ 8.8502, -8.1284,
-0.7538

122.8736,
-23.0605, 3.9474

0.0000, NaN, NaN

136.9807,

0.0000, NaN, NaN

-24.4553, 4.6164

0.0000, NaN, NaN

151.5898,
-25.8539, 5.3161

0.0000, NaN, NaN

■ 49.9987, -14.6227,
0.6708

■ 49.9987, -14.6227,
0.6708

■ 49.1786, -17.7845,
0.2421

■ 50.9537, -11.0335,
1.2653

■ 48.4891, -20.4970,
-0.0213

■ 52.0400, -7.0425,
2.0188

■ 47.9282, -22.7507,
-0.1206

■ 53.2570, -2.6833,
2.9248

■ 47.4905, -24.5473,
-0.0620

■ 54.6016, 2.0082,
3.9743

■ 47.1684, -25.9025,
0.1442

■ 56.0700, 6.9947,
5.1569

■ 46.9511, -26.8482,
0.4826

■ 57.6576, 12.2394,
6.4618

■ 46.8067, -27.5054,
0.9105

■ 59.3595, 17.7071,
7.8778

■ 46.8019, -27.5274,
0.9254

■ 61.1704, 23.3650,
9.3939

■ 63.0847, 29.1837,
10.9998

Harmonies

Analogous

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



49.9997, -14.0547, 6.7752



49.9987, -14.6227, 0.6708



49.9997, -12.1203, -5.6237

Triad

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



49.9997, -14.6234, 0.6715



49.9997, 5.7002, -7.5548



49.9997, 1.8610, 12.7961

Complementary

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



49.9987, -14.6227, 0.6708



40.6987, 12.2446, 5.4267

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.



49.9997, 7.5378, 9.8378



49.9987, -14.6227, 0.6708



49.9997, 9.8332, -1.7026

Square

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



49.9997, -14.6234, 0.6715



49.9997, -0.5420, -10.7645



49.9997, 10.5226, 4.6884



49.9997, -4.7641, 13.2581

Rectangle

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



49.9987, -14.6227, 0.6708



49.9997, -8.9661, -8.8912



49.9997, 10.5226, 4.6884



49.9997, 3.9528, 12.0809

Sweetspot

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



49.9997, -14.6234, 0.6715



69.7122, -9.1621, 2.7538



49.2887, -19.2425, 14.9129



32.7848, -4.6678, 1.2301



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.



49.9997, -14.6234, 0.6715



66.1117, -22.6314, 0.4680



45.0069, -6.2458, -7.6672



24.7140, -3.2438, 0.9771



43.3465, -25.4797, 0.8239



4.2576, -2.3760, -0.1925

Inverse Universe

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



40.6987, 12.2446, 5.4267



50.9250, 21.4960, 8.3435



44.9680, 3.4620, 11.1951



23.3061, 0.7872, 1.6816



22.7845, 39.1419, 13.7709



2.2567, 3.9337, 0.9223

Previews

White Background



This preview shows how the HunterLab color 49.9987, -14.6227, 0.6708 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 49.9987, -14.6227, 0.6708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

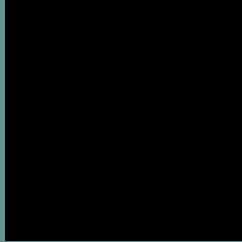
Any Text WCAG AA ✓ Pass

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 49.9987, -14.6227, 0.6708 Background



This preview shows how black text looks on a background with the HunterLab color 49.9987, -14.6227, 0.6708.



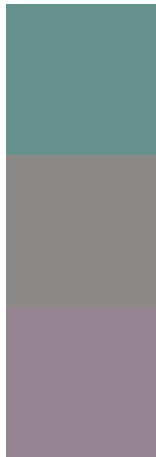
This preview shows how white text looks on a background with the HunterLab color 49.9987,

-14.6227, 0.6708.

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

49.9987, -14.6227, 0.6708

Protanopia

49.8747, -1.7593, 3.0121

Deuteranopia

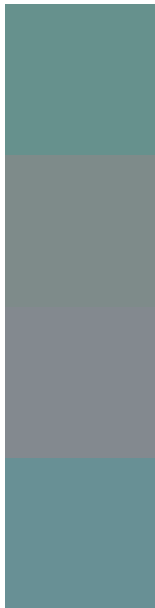
49.7184, 3.8897, -0.7609



Tritanopia

49.9813, -10.7517, -5.6557

Trichromacy



Original Color

49.9987, -14.6227, 0.6708

Protanomaly

49.7351, -6.5556, 1.8677

Deuteranomaly

49.6989, -3.4186, -0.4372

Tritanomaly

50.0595, -12.3416, -3.0464

Monochromacy



Original Color

49.9987, -14.6227, 0.6708

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.6883, -7.4670, 1.9580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9987, -14.6227, 0.6708 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(102, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 141)  
}
```

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(102, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9987, -14.6227, 0.6708 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(102, 145, 141) }
```


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

```
.border{ border-color:rgb(102, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(102, 145,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9987, -14.6227, 0.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 145, 141) }
```

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

```
.background{ background-color: rgb(102,  
145, 141) }
```

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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