

Converting Colors

HunterLab(42.6718, -10.1006,
-13.9738)

Have a look what the booklet for
HunterLab(42.6718, -10.1006,
-13.9738) contains.

HunterLab(42.6718, -10.1006, -13.9738)	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(42.6718,
-10.1006, -13.9738)**

Conversions

Conversions Part 1

Format	Color
Hex	477D96
RGB	71, 125, 150
RGB Percent	28%, 49%, 59%
CMY	0.7216, 0.5098, 0.4118
CMYK	0.53, 0.17, 0.00, 0.41
HSL	199°, 36%, 43%
HSV	199°, 53%, 59%
XYZ	15.4372, 18.2088, 31.5552
YIQ	111.7040, -40.2090, -3.6730

Conversions

Conversions Part 2

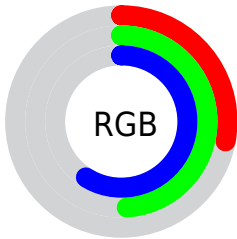
Format	Color
R_{YB}	71, 103, 150
Decimal	4685206
CIE _{Lab}	49.75, -10.60, -18.99
CIE _{LCh}	50, 21.749, 240.840
Yxy	18.2095, 0.2368, 0.2793
Android (android.graphics.Color)	4282875286 (0xFF477D96)
YUV	111.7040, 18.8799, -35.6974
Hunter-Lab	42.6718, -10.1006, -13.9738

Details

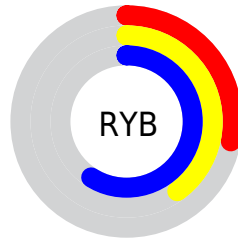
The HunterLab color **42.6718, -10.1006, -13.9738** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **39.1219, 13.2006, 15.3025**, and the grayscale version is **40.0814, -2.1386, 2.1777**.

A 20% lighter version of the original color is **63.6870, -12.5793, -14.1592**, and **24.7283, -7.7296, -13.2007** is the 20% darker color. If you saturate the color by 10%, you get **40.6661, -10.2259, -17.1898**, and if you desaturate by 10%, it is **44.8098, -9.5326, -10.7340**.

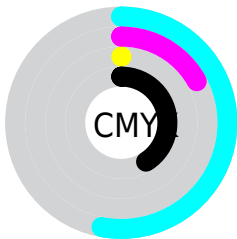
Distribution



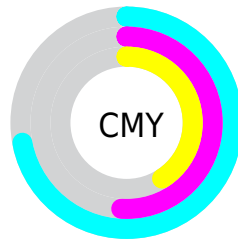
- Red (28%)
- Green (49%)
- Blue (59%)



- Red (28%)
- Yellow (40%)
- Blue (59%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (72%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6718, -10.1006, -13.9738 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 42.6718, -10.1006, -13.9738 by changing the saturation by 10% instead.

■ 42.6718, -10.1006,
-13.9738

■ 42.6718, -10.1006,
-13.9738

■ 155.5793,
-20.6131, -14.3852

■ 33.3174, -8.9329,
-13.6217

■ 63.5563, -12.4060,
-14.4715

■ 24.7679, -7.7399,
-13.2062

■ 74.9922, -13.5566,
-14.6234

■ 17.1085, -6.4999,
-12.7480

■ 87.0420, -14.7111,
-14.7150

■ 10.4583, -5.2084,
-12.3315

■ 99.6759, -15.8723,
-14.7500

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.8681,
-17.0418, -14.7316

0.0000, NaN, NaN

126.5957,

0.0000, NaN, NaN

-18.2211, -14.6630

0.0000, NaN, NaN

140.8388,
-19.4113, -14.5467

■ 42.6718, -10.1006,
-13.9738

■ 42.6718, -10.1006,
-13.9738

■ 40.6661, -10.2259,
-17.1898

■ 44.8098, -9.5326,
-10.7340

■ 38.7960, -9.8811,
-20.3640

■ 47.0707, -8.5549,
-7.4900

■ 37.0656, -9.0517,
-23.4742

■ 49.4478, -7.2038,
-4.2544

■ 35.4744, -7.7433,
-26.5022

■ 51.9335, -5.5153,
-1.0371

■ 34.3654, -6.5929,
-28.7216

■ 54.5205, -3.5242,
2.1549

■ 57.2017, -1.2623,
5.3175

■ 59.9706, 1.2413,
8.4484

■ 62.8211, 3.9606,
11.5468

■ 65.7477, 6.8727,
14.6134

Harmonies

Analogous

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



42.6726, -15.6681, -6.6314



42.6718, -10.1006, -13.9738



42.6726, -2.0345, -16.7673

Triad

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



42.6726, -10.1007, -13.9730



42.6726, 15.6987, 2.5547



42.6726, -10.4923, 13.8172

Complementary

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



42.6718, -10.1006, -13.9738



39.1219, 13.2006, 15.3025

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.



42.6726, -2.5234, 15.3300



42.6718, -10.1006, -13.9738



42.6726, 12.9957, 9.6780

Square

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



42.6726, -10.1007, -13.9730



42.6726, 13.2737, -6.1476



42.6726, 6.1497, 13.9789



42.6726, -15.8812, 9.3488

Rectangle

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



42.6718, -10.1006, -13.9738



42.6726, 3.8141, -15.3116



42.6726, 6.1497, 13.9789



42.6726, -8.0487, 14.6431

Sweetspot

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



42.6726, -10.1007, -13.9730



67.7690, -8.1947, -2.9346



48.9627, -28.9685, 16.6391



31.6171, -4.0531, -1.7505



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



42.6726, -10.1007, -13.9730



53.6186, -13.5544, -23.5051



32.1346, 7.6229, -33.3033



25.0116, -2.2996, 0.0353



31.3909, -6.1477, -25.9647



4.1678, -1.6592, -1.6276

Inverse Universe

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



35.3154, 31.8727, -10.2555



42.9089, 51.4781, -15.6069



49.0357, -4.7516, 22.9238



24.2451, 1.4356, 0.1348



24.8759, 45.8584, -9.1785



2.8478, 5.4135, -2.3188

Previews

White Background



This preview shows how the HunterLab color 42.6718, -10.1006, -13.9738 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.6718, -10.1006, -13.9738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

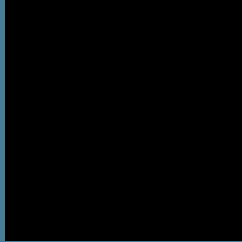
Any Text WCAG AA ✓ Pass

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 42.6718, -10.1006, -13.9738 Background



This preview shows how black text looks on a background with the HunterLab color 42.6718, -10.1006, -13.9738.



This preview shows how white text looks on a background with the HunterLab color 42.6718, -10.1006, -13.9738.

-10.1006, -13.9738.

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

42.6718, -10.1006, -13.9738

Protanopia

42.6391, 1.0590, -10.3967

Deuteranopia

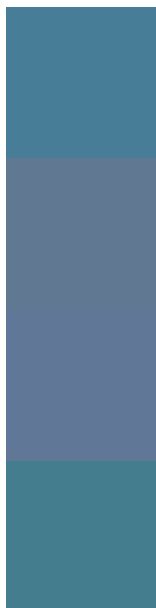
42.5879, 2.8785, -15.0629



Tritanopia

42.6359, -14.2440, -6.8889

Trichromacy



Original Color

42.6718, -10.1006, -13.9738

Protanomaly

42.4849, -3.6183, -11.8353

Deuteranomaly

42.3259, -2.3487, -14.9729

Tritanomaly

42.5484, -12.6756, -9.6644

Monochromacy



Original Color

42.6718, -10.1006, -13.9738

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.9516, -6.0350, -3.4493

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6718, -10.1006, -13.9738 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(71, 125, 150)` looks like.

```
.text, #text, p{  
    color:rgb(71, 125, 150)  
}
```

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(71, 125, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 125, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6718, -10.1006, -13.9738 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(71, 125, 150) }
```


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

```
.border{ border-color:rgb(71, 125, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 125, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 125, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 125, 150);  
box-shadow:4px 4px 4px 4px rgb(71, 125,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6718, -10.1006, -13.9738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 125, 150) }
```

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

```
.background{ background-color: rgb(71, 125,  
150) }
```

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