

Converting Colors

HunterLab(51.1076, -13.4297,
-12.9019)

Have a look what the booklet for
HunterLab(51.1076, -13.4297,
-12.9019) contains.

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Color

**HunterLab(51.0963,
-13.3459, -12.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	5794AA
RGB	87, 148, 170
RGB Percent	34%, 58%, 67%
CMY	0.6588, 0.4196, 0.3333
CMYK	0.49, 0.13, 0.00, 0.33
HSL	196°, 33%, 50%
HSV	196°, 49%, 67%
XYZ	21.7761, 26.1083, 41.9219
YIQ	132.2690, -43.4180, -6.0900

Conversions

Conversions Part 2

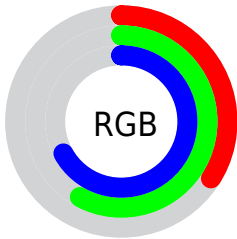
Format	Color
R_{YB}	87, 122, 170
Decimal	5739690
CIE _{Lab}	58.14, -13.62, -17.67
CIE _{LCh}	58, 22.309, 232.379
Yxy	26.1093, 0.2425, 0.2907
Android (android.graphics.Color)	4283929770 (0xFF5794AA)
YUV	132.2690, 18.6014, -39.7009
Hunter-Lab	51.0963, -13.3459, -12.8770

Details

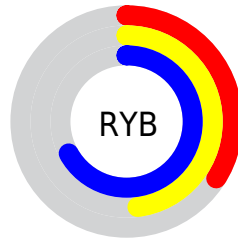
The HunterLab color $51.0963, -13.3459, -12.8770$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.9133, 15.8597, 16.0489$, and the grayscale version is $48.0838, -2.5656, 2.6125$.

A 20% lighter version of the original color is $73.0945, -15.9075, -13.0190$, and $31.8098, -10.4867, -12.5288$ is the 20% darker color. If you saturate the color by 10%, you get $48.9887, -14.0257, -16.0867$, and if you desaturate by 10%, it is $53.3549, -12.1549, -9.5969$.

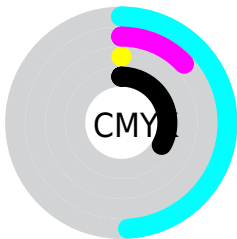
Distribution



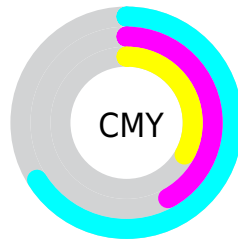
- Red (34%)
- Green (58%)
- Blue (67%)



- Red (34%)
- Yellow (48%)
- Blue (67%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0963, -13.3459, -12.8770 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 51.0963, -13.3459, -12.8770 by changing the saturation by 10% instead.

■ 51.0963, -13.3459,
-12.8770

■ 51.0963, -13.3459,
-12.8770

168.3206,
-25.1648, -12.4891

■ 41.1162, -12.0047,
-12.6267

■ 73.1104, -15.9787,
-13.1738

■ 31.8859, -10.6317,
-12.3064

■ 85.0636, -17.2836,
-13.2301

■ 23.4731, -9.2075,
-11.9176

■ 97.6053, -18.5870,
-13.2297

■ 15.9669, -7.6988,
-11.4790

■ 110.7093,
-19.8919, -13.1763

■ 9.4937, -6.7591,
-11.0717

124.3523,
-21.2005, -13.0729

0.0000, NaN, -NF

0.0000, NaN, NaN

138.5137,

-22.5146, -12.9222

0.0000, NaN, NaN

153.1753,
-23.8357, -12.7269

0.0000, NaN, NaN

■ 51.0963, -13.3459,
-12.8770

■ 51.0963, -13.3459,
-12.8770

■ 48.9887, -14.0257,
-16.0867

■ 53.3549, -12.1549,
-9.5969

■ 47.0338, -14.1658,
-19.2067

■ 55.7551, -10.4878,
-6.2694

■ 45.2349, -13.7521,
-22.2146

■ 58.2905, -8.3843,
-2.9112

■ 43.5895, -12.7914,
-25.0932

■ 60.9534, -5.8850,
0.4633

■ 42.0744, -11.3737,
-27.8648

■ 63.7360, -3.0291,
3.8430

■ 41.8985, -11.1986,
-28.1950

■ 66.6306, 0.1463,
7.2191

■ 69.6300, 3.6075,
10.5856

■ 72.7273, 7.3236,
13.9384

■ 75.9161, 11.2675,
17.2747

Harmonies

Analogous

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



51.0973, -18.4566, -4.2407



51.0963, -13.3459, -12.8770



51.0973, -5.1146, -17.4684

Triad

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



51.0973, -13.3461, -12.8761



51.0973, 16.5395, 0.4376



51.0973, -9.4594, 16.3126

Complementary

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



51.0963, -13.3459, -12.8770



44.9133, 15.8597, 16.0489

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.



51.0973, -0.2991, 17.1090



51.0963, -13.3459, -12.8770



51.0973, 15.1656, 8.9296

Square

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



51.0973, -13.3461, -12.8761



51.0973, 12.4607, -8.9242



51.0973, 8.8324, 14.6570



51.0973, -16.3288, 12.2406

Rectangle

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



51.0963, -13.3459, -12.8770



51.0973, 1.2215, -17.1266



51.0973, 8.8324, 14.6570



51.0973, -6.5633, 16.9382

Sweetspot

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



51.0973, -13.3461, -12.8761



79.7707, -10.1569, -2.3095



56.4391, -32.3536, 19.3794



37.3274, -5.1099, -1.5299



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



51.0973, -13.3461, -12.8761



65.6470, -18.9563, -22.2005



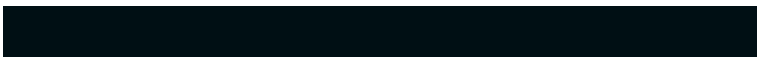
39.4992, 5.5461, -32.6495



28.6192, -2.8263, 0.1454



36.0668, -9.7948, -23.9361



6.2721, -2.4218, -2.6117

Inverse Universe

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



41.8346, 34.8750, -13.3196



51.5515, 57.9902, -21.3915



55.5058, -3.5996, 24.5070



27.6264, 1.7655, -0.0433



27.1739, 50.5754, -13.7524



4.3292, 8.2101, -3.3744

Previews

White Background



This preview shows how the HunterLab color 51.0963, -13.3459, -12.8770 looks on a white background.

Color Contrast Check

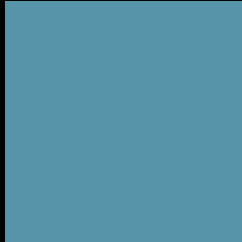
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0963, -13.3459, -12.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

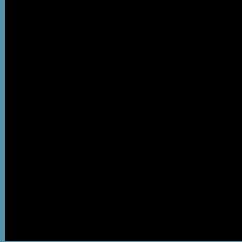
Any Text WCAG AA ✓ Pass

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 51.0963, -13.3459, -12.8770 Background



This preview shows how black text looks on a background with the HunterLab color 51.0963, -13.3459, -12.8770.



This preview shows how white text looks on a background with the HunterLab color 51.0963, -13.3459, -12.8770.

-13.3459, -12.8770.

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

51.0963, -13.3459, -12.8770

Protanopia

50.8819, 0.5222, -9.0139

Deuteranopia

50.8524, 4.0286, -14.6894



Tritanopia

50.9440, -16.1437, -8.1333

Trichromacy



Original Color

51.0963, -13.3459, -12.8770

Protanomaly

50.8735, -5.1983, -10.7879

Deuteranomaly

50.5829, -2.7839, -14.6279

Tritanomaly

51.0945, -15.3716, -9.5403

Monochromacy



Original Color

51.0963, -13.3459, -12.8770

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.9544, -7.3513, -2.8988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0963, -13.3459, -12.8770 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(87, 148, 170)` looks like.

```
.text, #text, p{  
    color:rgb(87, 148, 170)  
}
```

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(87, 148, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 148, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0963, -13.3459, -12.8770 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(87, 148, 170) }
```


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

```
.border{ border-color:rgb(87, 148, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 148, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 148, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 148, 170);  
box-shadow:4px 4px 4px 4px rgb(87, 148,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0963, -13.3459, -12.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 148, 170) }
```

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

```
.background{ background-color: rgb(87, 148,  
170) }
```

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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