

Converting Colors

HunterLab(51.3260, -11.5547,
2.9375)

Have a look what the booklet for
HunterLab(51.3260, -11.5547,
2.9375) contains.

HunterLab(51.2862, -11.4971, 2.7181)	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(51.2862,
-11.4971, 2.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	76928C
RGB	118, 146, 140
RGB Percent	46%, 57%, 55%
CMY	0.5373, 0.4274, 0.4510
CMYK	0.19, 0.00, 0.04, 0.43
HSL	167°, 11%, 52%
HSV	167°, 19%, 57%
XYZ	22.4837, 26.3027, 28.7028
YIQ	136.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

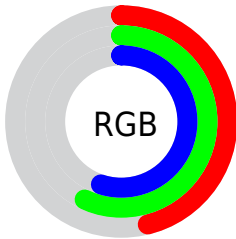
Format	Color
R_{YB}	118, 134, 146
Decimal	7770764
CIE _{Lab}	58.32, -11.13, -0.09
CIE _{LCh}	58, 11.132, 180.483
Yxy	26.3038, 0.2902, 0.3394
Android (android.graphics.Color)	4285960844 (0xFF76928C)
YUV	136.9440, 1.5066, -16.6139
Hunter-Lab	51.2862, -11.4971, 2.7181

Details

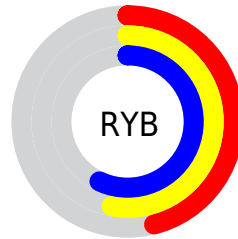
The HunterLab color $51.2862, -11.4971, 2.7181$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45.3031, 7.2899, 3.0857$, and the grayscale version is $49.9929, -2.6675, 2.7162$.

A 20% lighter version of the original color is $73.3599, -13.8377, 4.1860$, and $31.9184, -8.9262, 1.5438$ is the 20% darker color. If you saturate the color by 10%, you get $50.2678, -15.4394, 2.8467$, and if you desaturate by 10%, it is $52.4405, -7.1602, 2.7487$.

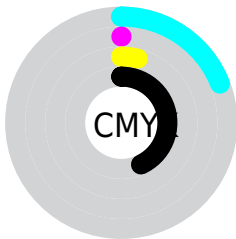
Distribution



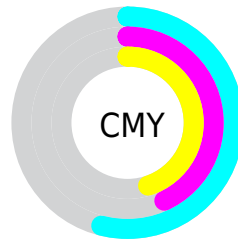
- Red (46%)
- Green (57%)
- Blue (55%)



- Red (46%)
- Yellow (53%)
- Blue (57%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (54%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2862, -11.4971, 2.7181 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 51.2862, -11.4971, 2.7181 by changing the saturation by 10% instead.

■ 51.2862, -11.4971,
2.7181

■ 51.2862, -11.4971,
2.7181

168.6032,
-22.2810, 9.0692

■ 41.2930, -10.3092,
2.1799

■ 73.3244, -13.8570,
3.9092

■ 32.0483, -9.1033,
1.6822

■ 85.2887, -15.0374,
4.5562

■ 23.6198, -7.8658,
1.2294

■ 97.8410, -16.2227,
5.2354

■ 16.0959, -6.5714,
0.8266

110.9551,
-17.4151, 5.9454

■ 9.6023, -5.5728,
0.4809

124.6077,
-18.6160, 6.6848

0.0000, NaN, NaN

138.7785,

0.0000, NaN, NaN

-19.8267, 7.4526

0.0000, NaN, NaN

153.4492,
-21.0481, 8.2477

0.0000, NaN, NaN

■ 51.2862, -11.4971,
2.7181

■ 51.2862, -11.4971,
2.7181

■ 50.2678, -15.4394,
2.8467

■ 52.4405, -7.1602,
2.7487

■ 49.3829, -18.9529,
3.1319

■ 53.7251, -2.4624,
2.9340

■ 48.6320, -22.0139,
3.5704

■ 55.1378, 2.5568,
3.2698

■ 48.0124, -24.6073,
4.1550

■ 56.6744, 7.8583,
3.7496

■ 47.5193, -26.7304,
4.8745

■ 58.3300, 13.4042,
4.3655

■ 47.1453, -28.3943,
5.7140

■ 60.0993, 19.1587,
5.1087

■ 46.8800, -29.6276,
6.6547

■ 61.9770, 25.0892,
5.9699

■ 46.6942, -30.5402,
7.6566

■ 63.9574, 31.1663,
6.9399

■ 46.6796, -30.6125,
7.7381

■ 66.0349, 37.3644,
8.0096

Harmonies

Analogous

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



51.2873, -10.3963, 6.8634



51.2862, -11.4971, 2.7181



51.2873, -10.3243, -1.7812

Triad

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



51.2873, -11.4980, 2.7188



51.2873, 1.9436, -5.2147



51.2873, 1.8064, 9.7470

Complementary

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



51.2862, -11.4971, 2.7181



45.3031, 7.2899, 3.0857

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.



51.2873, 5.3138, 6.9788



51.2862, -11.4971, 2.7181



51.2873, 5.3950, -1.6439

Square

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



51.2873, -11.4980, 2.7188



51.2873, -2.6628, -6.6077



51.2873, 6.6497, 2.8645



51.2873, -2.8158, 10.6921

Rectangle

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



51.2862, -11.4971, 2.7181



51.2873, -8.3842, -4.3207



51.2873, 6.6497, 2.8645



51.2873, 3.1608, 9.0120

Sweetspot

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



51.2873, -11.4980, 2.7188



70.1531, -7.6506, 3.7043



51.1438, -13.1668, 11.4141



33.0443, -3.7701, 1.7419



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.



51.2873, -11.4980, 2.7188



67.5159, -17.5822, 3.6582



49.1161, -6.8779, -2.6840



25.5757, -3.4999, 1.3405



43.7923, -28.6934, 7.2043



4.8886, -2.9095, 0.1705

Inverse Universe

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



45.3031, 7.2899, 3.0857



57.8584, 12.7923, 4.2778



47.2487, 2.6089, 7.6521



24.1548, 0.9498, 1.4218



23.3859, 40.4394, 12.0858



2.6573, 4.7310, 0.3194

Previews

White Background



This preview shows how the HunterLab color 51.2862, -11.4971, 2.7181 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 51.2862, -11.4971, 2.7181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

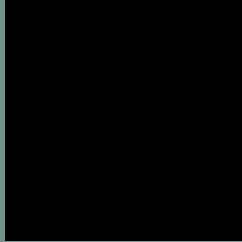
Any Text WCAG AA ✓ Pass

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 51.2862, -11.4971, 2.7181 Background



This preview shows how black text looks on a background with the HunterLab color 51.2862, -11.4971, 2.7181.



This preview shows how white text looks on a background with the HunterLab color 51.2862,

-11.4971, 2.7181.

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

51.2862, -11.4971, 2.7181

Protanopia

51.0710, -1.9810, 4.3939

Deuteranopia

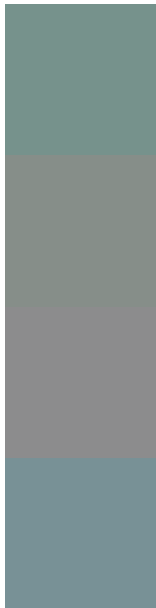
51.2218, 3.1826, 1.9962



Tritanopia

51.3595, -7.2499, -4.2781

Trichromacy



Original Color

51.2862, -11.4971, 2.7181

Protanomaly

51.2059, -5.8789, 4.0466

Deuteranomaly

51.2393, -2.5740, 2.3698

Tritanomaly

51.4256, -8.8552, -1.7336

Monochromacy



Original Color

51.2862, -11.4971, 2.7181

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.3358, -5.9176, 2.5911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2862, -11.4971, 2.7181 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(118, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(118, 146, 140)  
}
```

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(118, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 146, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2862, -11.4971, 2.7181 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(118, 146, 140) }
```


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

```
.border{ border-color:rgb(118, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(118, 146,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2862, -11.4971, 2.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 146, 140) }
```

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

```
.background{ background-color: rgb(118,  
146, 140) }
```

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