

Converting Colors

HunterLab(42.7129, -18.3239,
14.9176)

Have a look what the booklet for
HunterLab(42.7129, -18.3239,
14.9176) contains.

HunterLab(42.6863, -18.4215, 14.8929)	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(42.6863,
-18.4215, 14.8929)**

Conversions

Conversions Part 1

Format	Color
Hex	5A8052
RGB	90, 128, 82
RGB Percent	35%, 50%, 32%
CMY	0.6471, 0.4980, 0.6784
CMYK	0.30, 0.00, 0.36, 0.50
HSL	110°, 22%, 41%
HSV	110°, 36%, 50%
XYZ	13.4586, 18.2212, 10.7904
YIQ	111.3940, -7.8820, -22.3620

Conversions

Conversions Part 2

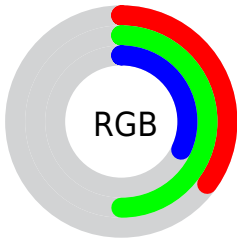
Format	Color
R_{YB}	82, 128, 120
Decimal	5931090
CIE _{Lab}	49.76, -22.85, 20.83
CIE _{LCh}	50, 30.924, 137.649
Yxy	18.2220, 0.3169, 0.4290
Android (android.graphics.Color)	4284121170 (0xFF5A8052)
YUV	111.3940, -14.4912, -18.7625
Hunter-Lab	42.6863, -18.4215, 14.8929

Details

The HunterLab color $42.6863, -18.4215, 14.8929$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $34.0393, 17.3080, -14.2952$, and the grayscale version is $40.0774, -2.1384, 2.1775$.

A 20% lighter version of the original color is $63.5424, -22.2245, 18.3966$, and $24.9230, -14.4711, 11.1335$ is the 20% darker color. If you saturate the color by 10%, you get $41.8949, -21.9326, 17.4171$, and if you desaturate by 10%, it is $43.5935, -14.4780, 11.9481$.

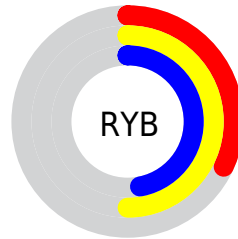
Distribution



Red (35%)

Green (50%)

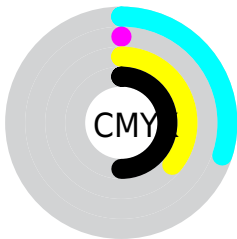
Blue (32%)



Red (32%)

Yellow (50%)

Blue (47%)

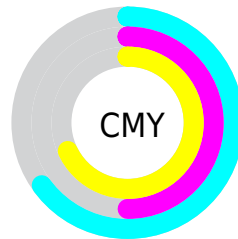


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6863, -18.4215, 14.8929 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 42.6863, -18.4215, 14.8929 by changing the saturation by 10% instead.

■ 42.6863, -18.4215,
14.8929

■ 42.6863, -18.4215,
14.8929

155.6018,
-34.3618, 30.0802

■ 33.3309, -16.4252,
12.9896

■ 63.5730, -22.1880,
18.4776

■ 24.7801, -14.3083,
10.9689

■ 75.0098, -23.9954,
20.1972

■ 17.1193, -12.0115,
8.7768

■ 87.0605, -25.7690,
21.8850

■ 10.4674, -10.3112,
7.3272

■ 99.6953, -27.5171,
23.5494

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.8883,
-29.2460, 25.1967

0.0000, NaN, NaN

126.6167,

0.0000, NaN, NaN

-30.9607, 26.8319

0.0000, NaN, NaN

140.8606,
-32.6649, 28.4587

■ 42.6863, -18.4215,
14.8929

■ 42.6863, -18.4215,
14.8929

■ 41.8949, -21.9326,
17.4171

■ 43.5935, -14.4780,
11.9481

■ 41.2169, -24.9810,
19.5041

■ 44.6123, -10.1339,
8.6046

■ 40.6519, -27.5487,
21.1490

■ 45.7410, -5.4281,
4.8913

■ 40.1972, -29.6283,
22.3588

■ 46.9763, -0.4005,
0.8399

■ 39.8478, -31.2261,
23.1558

■ 48.3144, 4.9089,
-3.5163

■ 39.5947, -32.3765,
23.6077

■ 49.7508, 10.4619,
-8.1442

■ 39.5128, -32.7536,
23.7742

■ 51.2809, 16.2229,
-13.0119

■ 52.8999, 22.1592,
-18.0896

■ 54.6033, 28.2419,
-23.3497

Harmonies

Analogous

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



42.6872, -9.2309, 18.7094



42.6863, -18.4215, 14.8929



42.6872, -23.0539, 6.8707

Triad

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



42.6872, -18.4224, 14.8933



42.6872, -7.2327, -26.0911



42.6872, 22.7362, 8.6098

Complementary

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



42.6863, -18.4215, 14.8929



34.0393, 17.3080, -14.2952

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.



42.6872, 23.4288, -2.7863



42.6863, -18.4215, 14.8929



42.6872, 5.1464, -25.2305

Square

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



42.6872, -18.4224, 14.8933



42.6872, -17.1029, -17.9237



42.6872, 16.6869, -15.8278



42.6872, 14.8900, 15.8538

Rectangle

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



42.6863, -18.4215, 14.8929



42.6872, -23.3230, -0.7877



42.6872, 16.6869, -15.8278



42.6872, 23.8430, 5.2169

Sweetspot

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



42.6872, -18.4224, 14.8933



59.8782, -10.5778, 9.1676



43.0444, -4.4560, 15.4499



28.8933, -5.4518, 4.6986



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.6872, -18.4224, 14.8933



55.7819, -28.2412, 22.5027



42.5300, -18.4519, 10.2644



22.0271, -3.3742, 2.9622



39.3456, -32.6119, 23.6736

0.0000, NaN, NaN

Inverse Universe

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



34.0393, 17.3080, -14.2952



42.0020, 28.9575, -24.3675



34.3894, 17.2882, -5.6639



20.9184, 1.1702, -0.7322



21.3743, 43.8340, -42.2329

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.6863, -18.4215, 14.8929 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 42.6863, -18.4215, 14.8929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

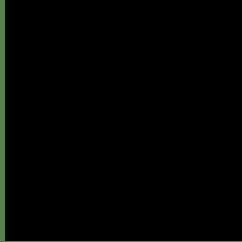
Any Text WCAG AA ✓ Pass

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 42.6863, -18.4215, 14.8929 Background



This preview shows how black text looks on a background with the HunterLab color 42.6863, -18.4215, 14.8929.



This preview shows how white text looks on a background with the HunterLab color 42.6863,

-18.4215, 14.8929.

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

42.6863, -18.4215, 14.8929

Protanopia

42.5395, -4.1358, 16.0944

Deuteranopia

42.4754, 2.8249, 14.2260



Tritanopia

42.7056, -6.7298, -4.1101

Trichromacy



Original Color

42.6863, -18.4215, 14.8929

Protanomaly

42.4982, -10.0662, 15.6911

Deuteranomaly

42.1124, -5.4344, 14.0456

Tritanomaly

42.5641, -11.2935, 3.8547

Monochromacy



Original Color

42.6863, -18.4215, 14.8929

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.6525, -8.5497, 7.3161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6863, -18.4215, 14.8929 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(90, 128, 82)` looks like.

```
.text, #text, p{  
    color:rgb(90, 128, 82)  
}
```

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(90, 128, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 128, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6863, -18.4215, 14.8929 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(90, 128, 82) }
```


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

```
.border{ border-color:rgb(90, 128, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 128, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 128, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 128, 82);  
box-shadow:4px 4px 4px 4px rgb(90, 128,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6863, -18.4215, 14.8929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 128, 82) }
```

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

```
.background{ background-color: rgb(90, 128,  
82) }
```

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