

Converting Colors

HunterLab(47.6067, -22.1695,
25.8186)

Have a look what the booklet for
HunterLab(47.6067, -22.1695,
25.8186) contains.

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Color

**HunterLab(47.6693,
-22.2690, 25.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8E2D
RGB	108, 142, 45
RGB Percent	42%, 56%, 18%
CMY	0.5765, 0.4431, 0.8235
CMYK	0.24, 0.00, 0.68, 0.44
HSL	81°, 52%, 37%
HSV	81°, 68%, 56%
XYZ	16.3310, 22.7236, 6.0080
YIQ	120.7760, 10.8730, -37.3750

Conversions

Conversions Part 2

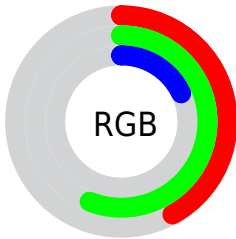
Format	Color
RYB	45, 142, 79
Decimal	7114285
CIELab	54.79, -27.15, 45.90
CIElCh	55, 53.331, 120.600
Yxy	22.7246, 0.3624, 0.5043
Android (android.graphics.Color)	4285304365 (0xFF6C8E2D)
YUV	120.7760, -37.3576, -11.2046
Hunter-Lab	47.6693, -22.2690, 25.8959

Details

The HunterLab color $47.6693, -22.2690, 25.8959$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $23.4364, 27.8856, -49.8148$, and the grayscale version is $43.7780, -2.3359, 2.3785$.

A 20% lighter version of the original color is $69.2862, -26.5689, 32.7589$, and $29.1463, -17.5794, 17.6520$ is the 20% darker color. If you saturate the color by 10%, you get $47.2544, -24.0911, 27.0867$, and if you desaturate by 10%, it is $48.1395, -20.1874, 24.1797$.

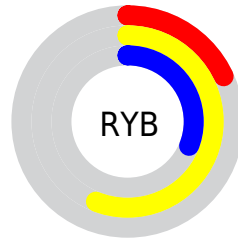
Distribution



Red (42%)

Green (56%)

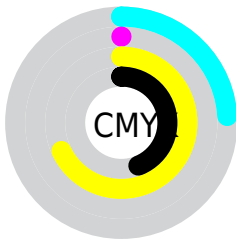
Blue (18%)



Red (18%)

Yellow (56%)

Blue (31%)

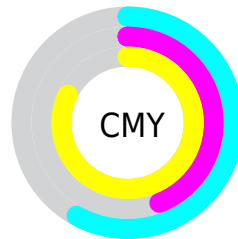


Cyan (24%)

Magenta (0%)

Yellow (68%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6693, -22.2690, 25.8959 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 47.6693, -22.2690, 25.8959 by changing the saturation by 10% instead.

47.6693, -22.2690,
25.8959

47.6693, -22.2690,
25.8959

163.1893,
-39.9938, 53.0292

37.9346, -20.0300,
22.2070

69.2393, -26.4894,
32.6888

28.9700, -17.6591,
18.2649

80.9885, -28.5089,
35.8611

20.8499, -15.1003,
14.5950

93.3361, -30.4860,
38.9183

13.6734, -12.2534,
9.5714

106.2543,
-32.4299, 41.8795

7.2802, -12.7403,
5.0961

119.7189,
-34.3476, 44.7599

0.0000, NaN, NaN

0.0000, NaN, NaN

133.7086,

-36.2447, 47.5719

0.0000, NaN, NaN

148.2045,
-38.1256, 50.3256

0.0000, NaN, NaN

■ 47.6693, -22.2690,
25.8959

■ 47.6693, -22.2690,
25.8959

■ 47.2544, -24.0911,
27.0867

■ 48.1395, -20.1874,
24.1797

■ 46.8886, -25.6620,
27.7931

■ 48.6640, -17.8367,
21.9088

■ 46.5649, -27.0258,
28.1321

■ 49.2454, -15.2169,
19.0659

■ 46.5122, -27.2482,
28.1836

■ 49.8847, -12.3305,
15.6427

■ 50.5822, -9.1834,
11.6386

■ 51.3383, -5.7840,
7.0595

■ 52.1526, -2.1427,
1.9169

■ 53.0245, 1.7286,
-3.7728

■ 53.9533, 5.8167,
-9.9901

Harmonies

Analogous

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



47.6704, -2.9894, 27.8758



47.6693, -22.2690, 25.8959



47.6704, -34.1527, 18.4546

Triad

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



47.6704, -22.2702, 25.8962



47.6704, -21.6296, -47.6302



47.6704, 47.7040, 3.0153

Complementary

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



47.6693, -22.2690, 25.8959



23.4364, 27.8856, -49.8148

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.



47.6704, 40.3129, -21.7614



47.6693, -22.2690, 25.8959



47.6704, -2.1012, -57.9391

Square

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



47.6704, -22.2702, 25.8962



47.6704, -33.8329, -22.8477



47.6704, 21.0195, -46.8275



47.6704, 39.7242, 18.9016

Rectangle

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



47.6693, -22.2690, 25.8959



47.6704, -37.5855, 8.7247



47.6704, 21.0195, -46.8275



47.6704, 46.9229, -4.4756

Sweetspot

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



47.6704, -22.2702, 25.8962



66.9666, -13.1037, 16.6393



33.9497, 16.4171, 16.8708



31.5394, -6.6852, 8.4968



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



47.6704, -22.2702, 25.8962



62.4791, -33.1562, 36.5501



45.2585, -31.9380, 24.0762



24.8839, -2.9565, 3.6319



44.0834, -25.7706, 26.7128



4.4512, -1.9658, 2.7084

Inverse Universe

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



23.4364, 27.8856, -49.8148



25.5038, 46.1914, -88.3873



28.9431, 39.6466, -33.8976



23.1110, 0.4662, -1.2174



15.3845, 37.7439, -78.4101



1.8458, 4.0692, -5.8478

Previews

White Background



This preview shows how the HunterLab color 47.6693, -22.2690, 25.8959 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 47.6693, -22.2690, 25.8959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

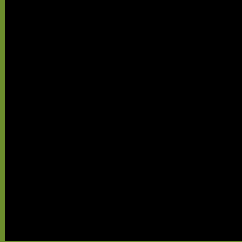
Any Text WCAG AA ✓ Pass

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 47.6693, -22.2690, 25.8959 Background



This preview shows how black text looks on a background with the HunterLab color 47.6693, -22.2690, 25.8959.



This preview shows how white text looks on a background with the HunterLab color 47.6693,

-22.2690, 25.8959.

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

47.6693, -22.2690, 25.8959

Protanopia

47.4455, -6.3246, 26.3876

Deuteranopia

47.3718, 3.4237, 25.3303



Tritanopia

47.6983, -4.5432, -2.9899

Trichromacy



Original Color

47.6693, -22.2690, 25.8959

Protanomaly

47.3370, -12.6428, 26.0849

Deuteranomaly

47.2165, -7.0259, 25.3229

Tritanomaly

47.3105, -12.3885, 11.5036

Monochromacy



Original Color

47.6693, -22.2690, 25.8959

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.9487, -11.0367, 13.8439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6693, -22.2690, 25.8959 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(108, 142, 45)` looks like.

```
.text, #text, p{  
    color:rgb(108, 142, 45)  
}
```

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(108, 142, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 142, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6693, -22.2690, 25.8959 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(108, 142, 45) }
```


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

```
.border{ border-color:rgb(108, 142, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 142, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 142, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 142, 45);  
box-shadow:4px 4px 4px 4px rgb(108, 142,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6693, -22.2690, 25.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 142, 45) }
```

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

```
.background{ background-color: rgb(108,  
142, 45) }
```

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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