

Converting Colors

HunterLab(56.2409, -22.3769,
18.4497)

Have a look what the booklet for
HunterLab(56.2409, -22.3769,
18.4497) contains.

HunterLab(56.3592, -22.5215, 18.5130)	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(56.3592,
-22.5215, 18.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	79A46F
RGB	121, 164, 111
RGB Percent	47%, 64%, 44%
CMY	0.5255, 0.3568, 0.5647
CMYK	0.26, 0.00, 0.32, 0.36
HSL	109°, 23%, 54%
HSV	109°, 32%, 64%
XYZ	24.0299, 31.7636, 19.9034
YIQ	145.1010, -8.6150, -25.5990

Conversions

Conversions Part 2

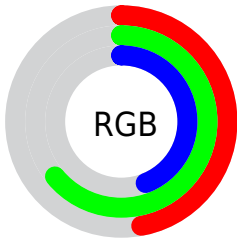
Format	Color
RYB	111, 164, 154
Decimal	7971951
CIELab	63.15, -24.99, 22.95
CIELCh	63, 33.934, 137.432
Yxy	31.7650, 0.3174, 0.4196
Android (android.graphics.Color)	4286162031 (0xFF79A46F)
YUV	145.1010, -16.8118, -21.1366
Hunter-Lab	56.3592, -22.5215, 18.5130

Details

The HunterLab color $56.3592, -22.5215, 18.5130$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45.7386, 20.3057, -16.9907$, and the grayscale version is $53.3212, -2.8451, 2.8970$.

A 20% lighter version of the original color is $78.9342, -26.4274, 22.1492$, and $36.4511, -18.2970, 14.4915$ is the 20% darker color. If you saturate the color by 10%, you get $55.2632, -27.3599, 22.0603$, and if you desaturate by 10%, it is $57.6096, -17.1164, 14.3931$.

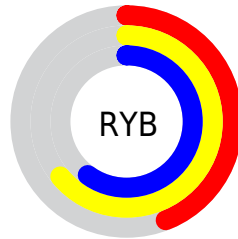
Distribution



Red (47%)

Green (64%)

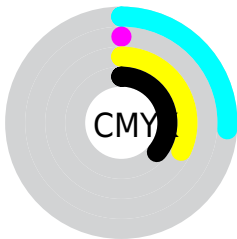
Blue (44%)



Red (44%)

Yellow (64%)

Blue (60%)

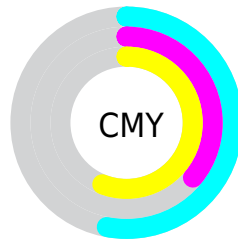


Cyan (26%)

Magenta (0%)

Yellow (32%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3592, -22.5215, 18.5130 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 56.3592, -22.5215, 18.5130 by changing the saturation by 10% instead.

■ 56.3592, -22.5215,
18.5130

■ 56.3592, -22.5215,
18.5130

176.0816,
-39.0840, 34.3691

■ 46.0239, -20.4991,
16.5749

■ 79.0205, -26.3918,
22.2157

■ 36.4103, -18.3883,
14.5498

■ 91.2720, -28.2647,
24.0069

■ 27.5787, -16.1557,
12.4044

■ 104.0984,
-30.1088, 25.7708

■ 19.6056, -13.7455,
10.0866

■ 117.4749,
-31.9307, 27.5140

■ 12.5959, -11.0828,
8.8171

131.3800,
-33.7355, 29.2417

■ 5.9035, -10.3312,
4.1325

145.7940,

0.0000, NaN, NaN

-35.5272, 30.9580

0.0000, NaN, NaN

160.6998,
-37.3091, 32.6663

0.0000, NaN, NaN

■ 56.3592, -22.5215,
18.5130

■ 56.3592, -22.5215,
18.5130

■ 55.2632, -27.3599,
22.0603

■ 57.6096, -17.1164,
14.3931

■ 54.3189, -31.5878,
25.0094

■ 59.0082, -11.1894,
9.7326

■ 53.5264, -35.1772,
27.3504

■ 60.5526, -4.7943,
4.5729

■ 52.8826, -38.1135,
29.0898

■ 62.2378, 2.0148,
-1.0417

■ 52.3815, -40.4007,
30.2543

■ 64.0584, 9.1846,
-7.0652

■ 52.0144, -42.0641,
30.8959

■ 66.0083, 16.6643,
-13.4522

■ 51.8098, -42.9865,
31.1724

■ 68.0812, 24.4072,
-20.1594

■ 70.2707, 32.3709,
-27.1464

■ 72.4089, 39.7306,
-32.1534

Harmonies

Analogous

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



56.3604, -11.3061, 23.3062



56.3592, -22.5215, 18.5130



56.3604, -28.2437, 8.6601

Triad

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



56.3604, -22.5226, 18.5136



56.3604, -9.0855, -30.3750



56.3604, 26.8777, 10.6086

Complementary

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



56.3592, -22.5215, 18.5130



45.7386, 20.3057, -16.9907

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.



56.3604, 27.6306, -3.1636



56.3592, -22.5215, 18.5130



56.3604, 5.7950, -29.4582

Square

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



56.3604, -22.5226, 18.5136



56.3604, -21.0423, -20.8069



56.3604, 19.5809, -18.5551



56.3604, 17.6192, 19.6206

Rectangle

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



56.3592, -22.5215, 18.5130



56.3604, -28.6050, -0.5574



56.3604, 19.5809, -18.5551



56.3604, 28.1657, 6.4672

Sweetspot

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



56.3604, -22.5226, 18.5136



79.9256, -13.2906, 11.6864



56.5290, -5.3411, 18.9655



37.2455, -6.7368, 5.8822



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



56.3604, -22.5226, 18.5136



74.8156, -35.2534, 28.5621



56.0906, -22.8761, 12.9736



28.2070, -4.4035, 3.8933



45.3836, -37.5642, 27.3075



6.7044, -4.9161, 4.0452

Inverse Universe

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



45.7386, 20.3057, -16.9907



57.5090, 34.8087, -29.6805



46.2640, 20.6991, -7.0902



26.7102, 1.5925, -1.0563



24.2935, 50.0628, -49.8781



3.7477, 7.5702, -6.5103

Previews

White Background



This preview shows how the HunterLab color 56.3592, -22.5215, 18.5130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.3592, -22.5215, 18.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

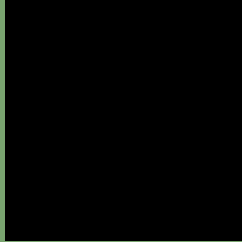
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.3592, -22.5215, 18.5130 Background



This preview shows how black text looks on a background with the HunterLab color 56.3592, -22.5215, 18.5130.



This preview shows how white text looks on a background with the HunterLab color 56.3592,

-22.5215, 18.5130.

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

56.3592, -22.5215, 18.5130

Protanopia

56.1217, -4.8728, 20.0911

Deuteranopia

56.0172, 3.8232, 17.4172



Tritanopia

56.3949, -8.2349, -4.8570

Trichromacy



Original Color

56.3592, -22.5215, 18.5130

Protanomaly

55.9010, -11.6448, 19.1946

Deuteranomaly

55.9164, -6.7815, 17.4567

Tritanomaly

56.3842, -14.2457, 5.0334

Monochromacy



Original Color

56.3592, -22.5215, 18.5130

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

54.2072, -10.5136, 8.9471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3592, -22.5215, 18.5130 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(121, 164, 111)` looks like.

```
.text, #text, p{  
    color:rgb(121, 164, 111)  
}
```

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(121, 164, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 164, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3592, -22.5215, 18.5130 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(121, 164, 111) }
```


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

```
.border{ border-color:rgb(121, 164, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 164, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 164, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 164, 111);  
box-shadow:4px 4px 4px 4px rgb(121, 164,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3592, -22.5215, 18.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 164, 111) }
```

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

```
.background{ background-color: rgb(121,  
164, 111) }
```

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