

Converting Colors

HunterLab(51.0618, -18.4977,
27.1950)

Have a look what the booklet for
HunterLab(51.0618, -18.4977,
27.1950) contains.

HunterLab(51.0921, -18.5388, 27.2495)	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(51.0921,
-18.5388, 27.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	819435
RGB	129, 148, 53
RGB Percent	51%, 58%, 21%
CMY	0.4941, 0.4196, 0.7921
CMYK	0.13, 0.00, 0.64, 0.42
HSL	72°, 47%, 39%
HSV	72°, 64%, 58%
XYZ	20.2858, 26.1040, 7.3376
YIQ	131.4890, 19.1710, -33.5730

Conversions

Conversions Part 2

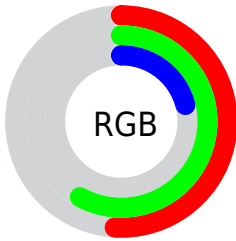
Format	Color
RYB	53, 148, 72
Decimal	8492085
CIELab	58.14, -20.75, 46.43
CIELCh	58, 50.856, 114.076
Yxy	26.1052, 0.3776, 0.4859
Android (android.graphics.Color)	4286682165 (0xFF819435)
YUV	131.4890, -38.6951, -2.1829
Hunter-Lab	51.0921, -18.5388, 27.2495

Details

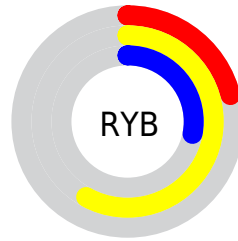
The HunterLab color $51.0921, -18.5388, 27.2495$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $24.6227, 24.2712, -51.8699$, and the grayscale version is $47.9772, -2.5599, 2.6067$.

A 20% lighter version of the original color is $73.0964, -21.9701, 34.0341$, and $31.8232, -14.5463, 19.3547$ is the 20% darker color. If you saturate the color by 10%, you get $50.7552, -20.0538, 28.7618$, and if you desaturate by 10%, it is $51.4765, -16.7877, 25.1629$.

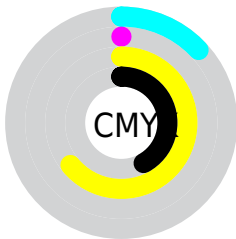
Distribution



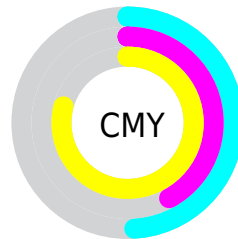
- Red (51%)
- Green (58%)
- Blue (21%)



- Red (21%)
- Yellow (58%)
- Blue (28%)



- Cyan (13%)
- Magenta (0%)
- Yellow (64%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0921, -18.5388, 27.2495 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 51.0921, -18.5388, 27.2495 by changing the saturation by 10% instead.

■ 51.0921, -18.5388,
27.2495

■ 51.0921, -18.5388,
27.2495

168.3146,
-33.3825, 54.3502

■ 41.1125, -16.7507,
23.5974

■ 73.1058, -21.9738,
34.0011

■ 31.8824, -14.8859,
19.7054

■ 85.0588, -23.6428,
37.1639

■ 23.4700, -12.9118,
16.0617

■ 97.6004, -25.2910,
40.2167

■ 15.9642, -10.7700,
11.1749

■ 110.7041,
-26.9242, 43.1776

■ 9.4914, -10.0333,
6.6440

■ 124.3469,
-28.5468, 46.0607

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.5081,

-30.1623, 48.8777

0.0000, NaN, NaN

153.1695,
-31.7734, 51.6383

0.0000, NaN, NaN

■ 51.0921, -18.5388,
27.2495

■ 51.0921, -18.5388,
27.2495

■ 50.7552, -20.0538,
28.7618

■ 51.4765, -16.7877,
25.1629

■ 50.4591, -21.3424,
29.7415

■ 51.9074, -14.7866,
22.4700

■ 50.2010, -22.4277,
30.2492

■ 52.3878, -12.5317,
19.1503

■ 50.0604, -23.0104,
30.4441

■ 52.9192, -10.0212,
15.1913

■ 53.5024, -7.2561,
10.5882

■ 54.1382, -4.2400,
5.3427

■ 54.8269, -0.9788,
-0.5377

■ 55.5685, 2.5200,
-7.0403

■ 56.3628, 6.2472,
-14.1485

Harmonies

Analogous

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



51.0933, 1.6128, 28.4879



51.0921, -18.5388, 27.2495



51.0933, -32.1100, 20.9073

Triad

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



51.0933, -18.5403, 27.2499



51.0933, -24.8140, -40.4757



51.0933, 45.2968, -1.4511

Complementary

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



51.0921, -18.5388, 27.2495



24.6227, 24.2712, -51.8699

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.



51.0933, 35.2907, -26.1288



51.0921, -18.5388, 27.2495



51.0933, -6.9304, -53.9199

Square

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



51.0933, -18.5403, 27.2499



51.0933, -35.2905, -16.0279



51.0933, 15.2747, -47.8017



51.0933, 40.8133, 16.3764

Rectangle

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



51.0921, -18.5388, 27.2495



51.0933, -36.7473, 12.4463



51.0933, 15.2747, -47.8017



51.0933, 43.4709, -9.2421

Sweetspot

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



51.0933, -18.5403, 27.2499



70.6558, -11.5869, 17.3452



33.4492, 22.4375, 15.0332



33.6627, -5.9889, 9.0356



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.0933, -18.5403, 27.2499



67.2399, -27.4170, 38.8529



48.1765, -29.9552, 25.0161



25.8586, -2.7791, 3.8697



46.2773, -21.2178, 28.1444



5.2352, -1.9044, 3.1926

Inverse Universe

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



24.6227, 24.2712, -51.8699



26.4707, 42.1032, -93.6770



29.3980, 35.3561, -37.7740



23.8443, 0.2051, -1.3909



14.3764, 37.3231, -89.1821



1.8847, 4.4136, -7.9759

Previews

White Background



This preview shows how the HunterLab color 51.0921, -18.5388, 27.2495 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 51.0921, -18.5388, 27.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

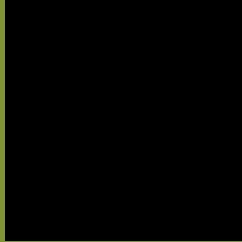
Any Text WCAG AA ✓ Pass

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 51.0921, -18.5388, 27.2495 Background



This preview shows how black text looks on a background with the HunterLab color 51.0921, -18.5388, 27.2495.



This preview shows how white text looks on a background with the HunterLab color 51.0921, -18.5388, 27.2495.

-18.5388, 27.2495.

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

51.0921, -18.5388, 27.2495

Protanopia

51.0520, -6.5248, 27.7064

Deuteranopia

50.9556, 3.2549, 26.7979



Tritanopia

51.1118, -1.0721, -1.5073

Trichromacy



Original Color

51.0921, -18.5388, 27.2495

Protanomaly

50.9940, -11.1930, 27.4489

Deuteranomaly

50.6267, -5.0105, 26.7266

Tritanomaly

50.7068, -8.8207, 12.4766

Monochromacy



Original Color

51.0921, -18.5388, 27.2495

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.5967, -9.3796, 14.1254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0921, -18.5388, 27.2495 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(129, 148, 53)` looks like.

```
.text, #text, p{  
    color:rgb(129, 148, 53)  
}
```

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(129, 148, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 148, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0921, -18.5388, 27.2495 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(129, 148, 53) }
```


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

```
.border{ border-color:rgb(129, 148, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 148, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 148, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 148, 53);  
box-shadow:4px 4px 4px 4px rgb(129, 148,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0921, -18.5388, 27.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 148, 53) }
```

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

```
.background{ background-color: rgb(129,  
148, 53) }
```

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