

Converting Colors

HunterLab(51.7284, -17.3030,
28.1056)

Have a look what the booklet for
HunterLab(51.7284, -17.3030,
28.1056) contains.

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Color

**HunterLab(51.8421,
-17.3337, 28.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	879532
RGB	135, 149, 50
RGB Percent	53%, 58%, 20%
CMY	0.4706, 0.4157, 0.8039
CMYK	0.09, 0.00, 0.66, 0.42
HSL	68°, 50%, 39%
HSV	68°, 66%, 58%
XYZ	21.3148, 26.8760, 7.0818
YIQ	133.5280, 23.4350, -33.7570

Conversions

Conversions Part 2

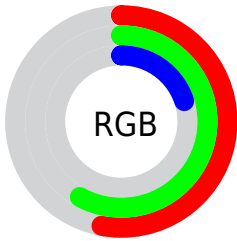
Format	Color
RYB	50, 149, 64
Decimal	8885554
CIELab	58.86, -18.90, 48.64
CIElCh	59, 52.179, 111.233
Yxy	26.8773, 0.3856, 0.4862
Android (android.graphics.Color)	4287075634 (0xFF879532)
YUV	133.5280, -41.1793, 1.2909
Hunter-Lab	51.8421, -17.3337, 28.1903

Details

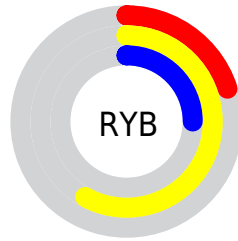
The HunterLab color $51.8421, -17.3337, 28.1903$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $23.5409, 24.6251, -56.6803$, and the grayscale version is $48.7913, -2.6034, 2.6509$.

A 20% lighter version of the original color is $73.9042, -20.6700, 35.0929$, and $32.4487, -13.6171, 19.7564$ is the 20% darker color. If you saturate the color by 10%, you get $51.5711, -18.5716, 29.6154$, and if you desaturate by 10%, it is $52.1575, -15.8698, 26.1932$.

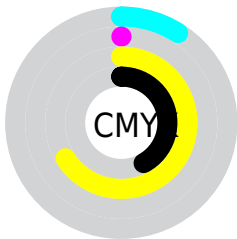
Distribution



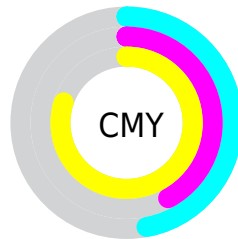
- Red (53%)
- Green (58%)
- Blue (20%)



- Red (20%)
- Yellow (58%)
- Blue (25%)



- Cyan (9%)
- Magenta (0%)
- Yellow (66%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8421, -17.3337, 28.1903 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 51.8421, -17.3337, 28.1903 by changing the saturation by 10% instead.

■ 51.8421, -17.3337,
28.1903

■ 51.8421, -17.3337,
28.1903

169.4291,
-31.3780, 56.3101

■ 41.8104, -15.6672,
24.3970

■ 73.9506, -20.5541,
35.2057

■ 32.5239, -13.9373,
20.3595

■ 85.9471, -22.1264,
38.4912

■ 24.0497, -12.1164,
16.6413

■ 98.5302, -23.6834,
41.6611

■ 16.4746, -10.1549,
11.5322

■ 111.6737,
-25.2300, 44.7337

■ 9.9215, -8.8887,
6.9451

■ 125.3546,
-26.7702, 47.7238

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.5527,

-28.3067, 50.6436

0.0000, NaN, NaN

154.2496,
-29.8420, 53.5029

0.0000, NaN, NaN

■ 51.8421, -17.3337,
28.1903

■ 51.8421, -17.3337,
28.1903

■ 51.5711, -18.5716,
29.6154

■ 52.1575, -15.8698,
26.1932

■ 51.3375, -19.5958,
30.5156

■ 52.5165, -14.1631,
23.5871

■ 51.1366, -20.4396,
30.9758

■ 52.9226, -12.2070,
20.3467

■ 51.0682, -20.7244,
31.1051

■ 53.3774, -9.9968,
16.4551

■ 53.8822, -7.5311,
11.9029

■ 54.4380, -4.8108,
6.6877

■ 55.0455, -1.8396,
0.8135

■ 55.7050, 1.3773,
-5.7106

■ 56.4165, 4.8324,
-12.8703

Harmonies

Analogous

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



51.8433, 3.8959, 29.0447



51.8421, -17.3337, 28.1903



51.8433, -32.0203, 22.3470

Triad

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



51.8433, -17.3353, 28.1907



51.8433, -26.8728, -39.8508



51.8433, 46.5012, -3.7534

Complementary

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



51.8421, -17.3337, 28.1903



23.5409, 24.6251, -56.6803

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.



51.8433, 34.8719, -29.5703



51.8421, -17.3337, 28.1903



51.8433, -9.1133, -55.4575

Square

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



51.8433, -17.3353, 28.1907



51.8433, -36.8483, -14.1361



51.8433, 13.6074, -51.0611



51.8433, 43.3003, 15.4753

Rectangle

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



51.8421, -17.3337, 28.1903



51.8433, -37.3002, 14.2558



51.8433, 13.6074, -51.0611



51.8433, 44.1340, -12.0086

Sweetspot

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



51.8433, -17.3353, 28.1907



71.8291, -11.4269, 18.4493



31.9340, 26.6172, 14.5403



33.7338, -5.7719, 9.4091



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.



51.8433, -17.3353, 28.1907



68.8442, -25.5962, 40.3382



48.7024, -29.5577, 25.8187



25.8912, -2.6643, 3.9069



46.8594, -18.9728, 28.5424



5.2719, -1.7659, 3.2176

Inverse Universe

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



23.5409, 24.6251, -56.6803



25.1072, 43.7819, -104.0117



28.1826, 35.1582, -41.8403



23.8117, 0.0937, -1.4350



14.0343, 37.0469, -91.8040



1.7794, 4.3035, -8.5876

Previews

White Background



This preview shows how the HunterLab color 51.8421, -17.3337, 28.1903 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 51.8421, -17.3337, 28.1903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

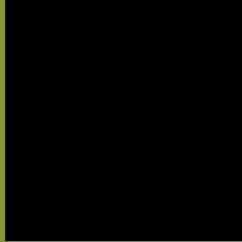
Any Text WCAG AA ✓ Pass

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 51.8421, -17.3337, 28.1903 Background



This preview shows how black text looks on a background with the HunterLab color 51.8421, -17.3337, 28.1903.



This preview shows how white text looks on a background with the HunterLab color 51.8421, -17.3337, 28.1903.

-17.3337, 28.1903.

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

51.8421, -17.3337, 28.1903

Protanopia

51.7962, -6.8765, 28.5953

Deuteranopia

51.5326, 3.7539, 27.6614



Tritanopia

51.6595, 0.8672, -1.2687

Trichromacy



Original Color

51.8421, -17.3337, 28.1903

Protanomaly

51.9197, -10.9004, 28.4836

Deuteranomaly

51.2829, -4.2134, 27.6325

Tritanomaly

51.5000, -7.4806, 13.2755

Monochromacy



Original Color

51.8421, -17.3337, 28.1903

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.5104, -9.0849, 14.9825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8421, -17.3337, 28.1903 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(135, 149, 50)` looks like.

```
.text, #text, p{  
    color:rgb(135, 149, 50)  
}
```

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(135, 149, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 149, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8421, -17.3337, 28.1903 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(135, 149, 50) }
```


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

```
.border{ border-color:rgb(135, 149, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 149, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 149, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 149, 50);  
box-shadow:4px 4px 4px 4px rgb(135, 149,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8421, -17.3337, 28.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 149, 50) }
```

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

```
.background{ background-color: rgb(135,  
149, 50) }
```

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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