

Converting Colors

HunterLab(51.3158, -42.9414,
30.8685)

Have a look what the booklet for
HunterLab(51.3158, -42.9414,
30.8685) contains.

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Color

**HunterLab(51.3820,
-43.0263, 30.9081)**

Conversions

Conversions Part 1

Format	Color
Hex	19A300
RGB	25, 163, 0
RGB Percent	10%, 64%, 0%
CMY	0.9020, 0.3608, 0.9999
CMYK	0.85, 0.00, 1.00, 0.36
HSL	111°, 100%, 32%
HSV	111°, 100%, 64%
XYZ	13.4981, 26.4011, 4.3845
YIQ	103.1560, -29.9250, -79.9490

Conversions

Conversions Part 2

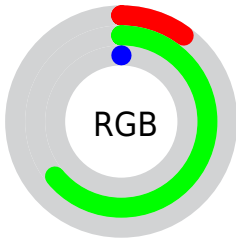
Format	Color
RYB	0, 163, 138
Decimal	1680128
CIELab	58.42, -59.89, 59.75
CIELCh	58, 84.601, 135.069
Yxy	26.4022, 0.3048, 0.5962
Android (android.graphics.Color)	4279870208 (0xFF19A300)
YUV	103.1560, -50.8559, -68.5428
Hunter-Lab	51.3820, -43.0263, 30.9081

Details

The HunterLab color **51.3820, -43.0263, 30.9081** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **28.3717, 57.9050, -53.9178**, and the grayscale version is **37.0829, -1.9787, 2.0148**.

A 20% lighter version of the original color is **73.3759, -51.1539, 39.3644**, and **33.3944, -28.6357, 20.0762** is the 20% darker color. If you saturate the color by 10%, you get **51.3829, -43.0279, 30.9086**, and if you desaturate by 10%, it is **51.6346, -41.8838, 30.5066**.

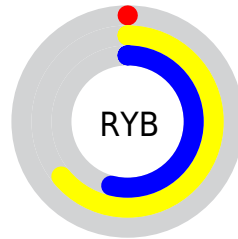
Distribution



Red (10%)

Green (64%)

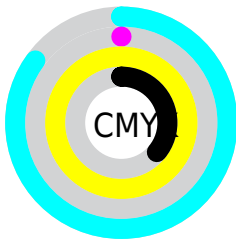
Blue (0%)



Red (0%)

Yellow (64%)

Blue (54%)

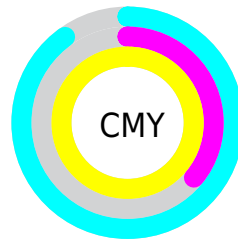


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (90%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3820, -43.0263, 30.9081 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 51.3820, -43.0263, 30.9081 by changing the saturation by 10% instead.

■ 51.3820, -43.0263,
30.9081

■ 51.3820, -43.0263,
30.9081

168.7456,
-75.6375, 64.5702

■ 41.3821, -38.5484,
26.3328

■ 73.4323, -51.2295,
39.3814

■ 32.1302, -33.7194,
21.6544

■ 85.4022, -55.0502,
43.3398

■ 23.6938, -28.4210,
16.5857

■ 97.9598, -58.7278,
47.1478

■ 16.1611, -23.0270,
11.3127

■ 111.0790,
-62.2858, 50.8271

■ 9.6571, -16.9000,
6.7600

■ 124.7365,
-65.7424, 54.3952

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 138.9120,


-69.1123, 57.8672


0.0000, NaN, NaN


 153.5872,
-72.4074, 61.2553


0.0000, NaN, NaN


 51.3820, -43.0263,
30.9081


 51.3820, -43.0263,
30.9081


 51.3829, -43.0279,
30.9086

 51.6346, -41.8838,
30.5066

 52.0090, -40.1714,
29.7362

 52.5251, -37.8017,
28.4346

 53.1922, -34.7504,
26.5575

 54.0161, -31.0169,
24.0851

■ 55.0001, -26.6194,
21.0172

■ 56.1447, -21.5921,
17.3699

■ 57.4487, -15.9807,
13.1722

■ 58.9092, -9.8385,
8.4621

Harmonies

Analogous

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



51.3831, -19.4757, 34.3776



51.3820, -43.0263, 30.9081



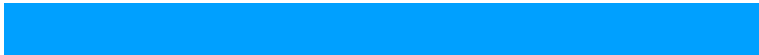
51.3831, -53.8512, 16.9941

Triad

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



51.3831, -43.0270, 30.9083



51.3831, -19.3369, -109.5771



51.3831, 82.2655, 17.0987

Complementary

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



51.3820, -43.0263, 30.9081



28.3717, 57.9050, -53.9178

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.



51.3831, 82.3329, -17.1451



51.3820, -43.0263, 30.9081



51.3831, 16.4461, -109.4680

Square

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



51.3831, -43.0270, 30.9083



51.3831, -42.9496, -68.7163



51.3831, 55.7749, -68.4770



51.3831, 55.6102, 30.9400

Rectangle

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



51.3820, -43.0263, 30.9081



51.3831, -54.9826, -3.3447



51.3831, 55.7749, -68.4770



51.3831, 85.5959, 8.2630

Sweetspot

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



51.3831, -43.0270, 30.9083



75.0420, -29.2969, 23.5408



50.3485, -3.4257, 30.9640



35.2622, -15.2017, 12.1199



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.



51.3831, -43.0270, 30.9083



68.7215, -57.7534, 41.3348



51.4443, -42.2422, 26.8890



28.1864, -4.4772, 3.8695



45.3119, -37.8693, 27.2580



6.6740, -5.0430, 4.0242

Inverse Universe

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



28.3717, 57.9050, -53.9178



37.8733, 77.3632, -72.4559



29.8065, 54.7225, -9.2716



26.7338, 1.6717, -1.0249



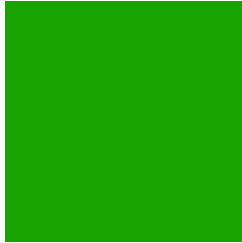
25.0422, 51.0921, -47.4336



3.8170, 7.6681, -6.3031

Previews

White Background



This preview shows how the HunterLab color 51.3820, -43.0263, 30.9081 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 51.3820, -43.0263, 30.9081 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 51.3820, -43.0263, 30.9081 Background



This preview shows how black text looks on a background with the HunterLab color 51.3820, -43.0263, 30.9081.



This preview shows how white text looks on a background with the HunterLab color 51.3820, -43.0263, 30.9081.

-43.0263, 30.9081.

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

51.3820, -43.0263, 30.9081

Protanopia

50.9159, -7.4787, 31.2432

Deuteranopia

50.7325, 3.5208, 29.4644



Tritanopia

51.4923, -18.6953, -9.0387

Trichromacy



Original Color

51.3820, -43.0263, 30.9081



Protanomaly

49.4277, -25.4794, 30.0111



Deuteranomaly

48.6785, -20.2351, 28.7167



Tritanomaly

50.5852, -32.1965, 15.2563

Monochromacy



Original Color

51.3820, -43.0263, 30.9081



Achromatopsia

36.8284, -1.9651, 2.0010



Achromatomaly

40.6896, -21.9921, 17.1773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3820, -43.0263, 30.9081 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(25, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(25, 163, 0)  
}
```

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(25, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 163, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3820, -43.0263, 30.9081 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(25, 163, 0) }
```


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

```
.border{ border-color:rgb(25, 163, 0) }
```

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

Here you see how a box with a 4 pixel rgb(25, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(25, 163, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.3820, -43.0263, 30.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 163, 0) }
```

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

```
.background{ background-color: rgb(25, 163,  
0) }
```

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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