

Converting Colors

HunterLab(51.4938, -20.6347,
31.0037)

Have a look what the booklet for
HunterLab(51.4938, -20.6347,
31.0037) contains.

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Color

**HunterLab(51.4820,
-20.6795, 30.9963)**

Conversions

Conversions Part 1

Format	Color
Hex	81960B
RGB	129, 150, 11
RGB Percent	51%, 59%, 4%
CMY	0.4941, 0.4118, 0.9568
CMYK	0.14, 0.00, 0.93, 0.41
HSL	69°, 86%, 32%
HSV	69°, 93%, 59%
XYZ	20.0200, 26.5040, 4.3772
YIQ	127.8750, 32.1030, -47.6810

Conversions

Conversions Part 2

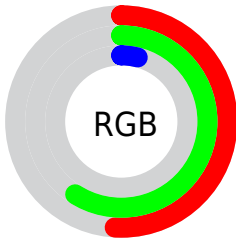
Format	Color
R_{YB}	11, 150, 32
Decimal	8492555
CIE _{Lab}	58.51, -23.68, 59.96
CIE _{LCh}	59, 64.463, 111.553
Yxy	26.5052, 0.3933, 0.5207
Android (android.graphics.Color)	4286682635 (0xFF81960B)
YUV	127.8750, -57.6194, 0.9866
Hunter-Lab	51.4820, -20.6795, 30.9963

Details

The HunterLab color $51.4820, -20.6795, 30.9963$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $16.5804, 37.9613, -92.3045$, and the grayscale version is $46.6231, -2.4877, 2.5331$.

A 20% lighter version of the original color is $73.4901, -24.4799, 39.4853$, and $32.2793, -15.7697, 19.6143$ is the 20% darker color. If you saturate the color by 10%, you get $51.3339, -21.3002, 31.2588$, and if you desaturate by 10%, it is $51.7060, -19.7327, 30.3941$.

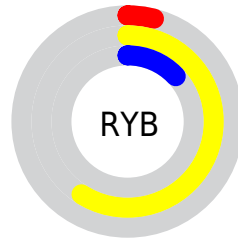
Distribution



Red (51%)

Green (59%)

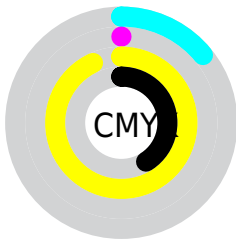
Blue (4%)



Red (4%)

Yellow (59%)

Blue (13%)

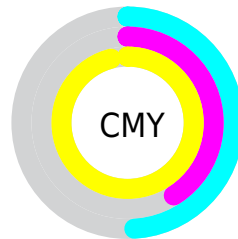


Cyan (14%)

Magenta (0%)

Yellow (93%)

Black (41%)



Cyan (49%)

Magenta (41%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4820, -20.6795, 30.9963 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 51.4820, -20.6795, 30.9963 by changing the saturation by 10% instead.

■ 51.4820, -20.6795,
30.9963

■ 51.4820, -20.6795,
30.9963

168.8944,
-36.7812, 64.7488

■ 41.4752, -18.7054,
26.4098

■ 73.5451, -24.4476,
39.4921

■ 32.2158, -16.6368,
21.7215

■ 85.5207, -26.2680,
43.4612

■ 23.7712, -14.4356,
16.6398

■ 98.0840, -28.0597,
47.2796

■ 16.2292, -12.0340,
11.3604

■ 111.2084,
-29.8296, 50.9688

■ 9.7145, -11.1626,
6.8002

■ 124.8710,
-31.5829, 54.5467

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.0515,

-33.3237, 58.0280

0.0000, NaN, NaN

153.7314,
-35.0556, 61.4252

0.0000, NaN, NaN

51.4820, -20.6795,
30.9963

51.4820, -20.6795,
30.9963

51.3339, -21.3002,
31.2588

51.7060, -19.7327,
30.3941

51.9655, -18.5831,
29.3007

52.2657, -17.2110,
27.6585

52.6099, -15.6014,
25.4241

53.0005, -13.7442,
22.5659

■ 53.4395, -11.6326,
19.0617

■ 53.9285, -9.2637,
14.8978

■ 54.4687, -6.6372,
10.0680

■ 55.0609, -3.7554,
4.5730

Harmonies

Analogous

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



51.4832, 5.2054, 31.7914



51.4820, -20.6795, 30.9963



51.4832, -37.8042, 25.2142

Triad

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



51.4832, -20.6810, 30.9966



51.4832, -31.5398, -53.7953



51.4832, 60.2837, -5.1013

Complementary

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



51.4820, -20.6795, 30.9963



16.5804, 37.9613, -92.3045

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.



51.4832, 45.2540, -39.0201



51.4820, -20.6795, 30.9963



51.4832, -10.2494, -75.3099

Square

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



51.4832, -20.6810, 30.9966



51.4832, -43.1019, -19.1731



51.4832, 18.0307, -68.8225



51.4832, 55.8645, 18.0020

Rectangle

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



51.4820, -20.6795, 30.9963



51.4832, -43.7441, 16.2525



51.4832, 18.0307, -68.8225



51.4832, 57.2422, -15.6745

Sweetspot

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



51.4832, -20.6810, 30.9966



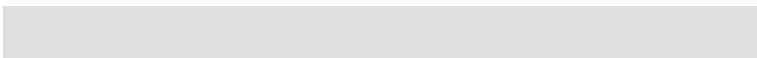
71.2485, -14.2019, 23.1567



27.4483, 37.4920, 16.8852



33.4243, -7.2493, 11.8770



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.



51.4832, -20.6810, 30.9966



68.1483, -28.4662, 41.4943



47.7369, -35.6386, 28.3977



25.8858, -2.6832, 3.9007



46.7604, -19.3525, 28.4747



5.2659, -1.7886, 3.2135

Inverse Universe

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



16.5804, 37.9613, -92.3045



20.3752, 53.9650, -134.6768



22.8672, 46.0975, -59.9195



23.8171, 0.1121, -1.4277



14.0842, 37.0862, -91.4141



1.7972, 4.3215, -8.4798

Previews

White Background



This preview shows how the HunterLab color 51.4820, -20.6795, 30.9963 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 51.4820, -20.6795, 30.9963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

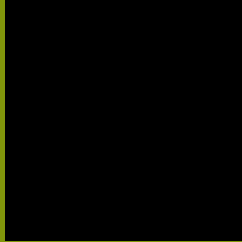
Any Text WCAG AA ✓ Pass

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 51.4820, -20.6795, 30.9963 Background



This preview shows how black text looks on a background with the HunterLab color 51.4820, -20.6795, 30.9963.



This preview shows how white text looks on a background with the HunterLab color 51.4820,

-20.6795, 30.9963.

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

51.4820, -20.6795, 30.9963

Protanopia

51.4096, -7.1746, 31.4203

Deuteranopia

51.1918, 3.6139, 30.3350



Tritanopia

51.3127, -0.3185, -1.7268

Trichromacy



Original Color

51.4820, -20.6795, 30.9963

Protanomaly

51.2423, -12.2567, 31.1281

Deuteranomaly

50.9870, -5.6447, 30.4365

Tritanomaly

50.8568, -10.4098, 17.3937

Monochromacy



Original Color

51.4820, -20.6795, 30.9963

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.8052, -11.4233, 18.5983

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4820, -20.6795, 30.9963 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, 150, 11)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 11)  
}
```

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, 150, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4820, -20.6795, 30.9963 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, 150, 11) }
```


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

```
.border{ border-color:rgb(129, 150, 11) }
```

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

Here you see how a box with a 4 pixel rgb(129, 150, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 11);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4820, -20.6795, 30.9963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 11) }
```

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

```
.background{ background-color: rgb(129,  
150, 11) }
```

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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