

Converting Colors

HunterLab(49.9686, -20.7179,
11.1016)

Have a look what the booklet for
HunterLab(49.9686, -20.7179,
11.1016) contains.

HunterLab(50.0143, -20.7086, 11.2283)	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(50.0143,
-20.7086, 11.2283)**

Conversions

Conversions Part 1

Format	Color
Hex	629473
RGB	98, 148, 115
RGB Percent	38%, 58%, 45%
CMY	0.6157, 0.4196, 0.5490
CMYK	0.34, 0.00, 0.22, 0.42
HSL	140°, 20%, 48%
HSV	140°, 34%, 58%
XYZ	18.7214, 25.0143, 20.0611
YIQ	129.2880, -19.2070, -20.8630

Conversions

Conversions Part 2

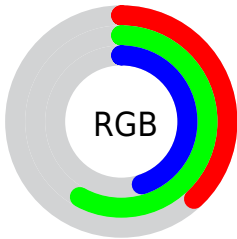
Format	Color
R_{YB}	98, 135, 148
Decimal	6460531
CIE _{Lab}	57.09, -24.12, 12.21
CIE _{LCh}	57, 27.038, 153.151
Yxy	25.0153, 0.2935, 0.3921
Android (android.graphics.Color)	4284650611 (0xFF629473)
YUV	129.2880, -7.0440, -27.4396
Hunter-Lab	50.0143, -20.7086, 11.2283

Details

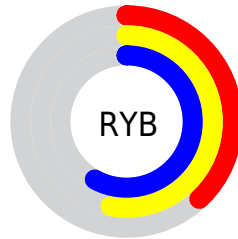
The HunterLab color $50.0143, -20.7086, 11.2283$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $40.8296, 18.9490, -5.6921$, and the grayscale version is $47.0000, -2.5078, 2.5536$.

A 20% lighter version of the original color is $71.7740, -24.4513, 13.5985$, and $30.9961, -16.4977, 8.6534$ is the 20% darker color. If you saturate the color by 10%, you get $49.0445, -24.9119, 13.5524$, and if you desaturate by 10%, it is $51.1401, -15.9805, 8.8279$.

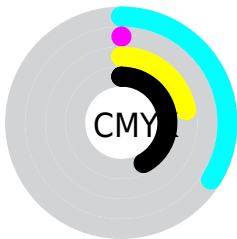
Distribution



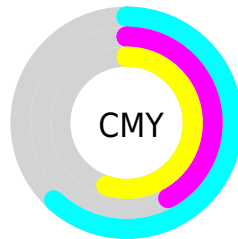
- Red (38%)
- Green (58%)
- Blue (45%)



- Red (38%)
- Yellow (53%)
- Blue (58%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0143, -20.7086, 11.2283 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 50.0143, -20.7086, 11.2283 by changing the saturation by 10% instead.

■ 50.0143, -20.7086,
11.2283

■ 50.0143, -20.7086,
11.2283

166.7076,
-37.0336, 22.4957

■ 40.1105, -18.6934,
9.9618

■ 71.8903, -24.5420,
13.7209

■ 30.9625, -16.5769,
8.6655

■ 83.7800, -26.3905,
14.9598

■ 22.6404, -14.3163,
7.3199

■ 96.2612, -28.2079,
16.1997

■ 15.2358, -11.8362,
5.8897

■ 109.3073,
-30.0014, 17.4436

■ 8.8597, -12.3379,
6.1957

122.8946,
-31.7767, 18.6937

0.0000, NaN, NaN

137.0025,

0.0000, NaN, NaN

-33.5382, 19.9516

0.0000, NaN, NaN

151.6124,
-35.2896, 21.2186

0.0000, NaN, NaN

■ 50.0143, -20.7086,
11.2283

■ 50.0143, -20.7086,
11.2283

■ 49.0445, -24.9119,
13.5524

■ 51.1401, -15.9805,
8.8279

■ 48.2274, -28.5502,
15.7713

■ 52.4170, -10.7722,
6.3758

■ 47.5616, -31.5992,
17.8587

■ 53.8425, -5.1366,
3.8971

■ 47.0415, -34.0505,
19.7894

■ 55.4119, 0.8722,
1.4134

■ 46.6585, -35.9160,
21.5410

■ 57.1195, 7.2009,
-1.0567

■ 46.3999, -37.2327,
23.0945

■ 58.9590, 13.7992,
-3.4981

■ 46.2751, -37.8829,
23.9386

■ 60.9236, 20.6211,
-5.8988

■ 63.0065, 27.6255,
-8.2499

■ 65.2008, 34.7767,
-10.5453

Harmonies

Analogous

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



50.0153, -14.0667, 17.1843



50.0143, -20.7086, 11.2283



50.0153, -22.6701, 1.5666

Triad

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



50.0153, -20.7094, 11.2289



50.0153, -1.4649, -22.7925



50.0153, 16.9661, 12.8063

Complementary

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



50.0143, -20.7086, 11.2283



40.8296, 18.9490, -5.6921

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.



50.0153, 21.0661, 3.8514



50.0143, -20.7086, 11.2283



50.0153, 9.8454, -17.9908

Square

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



50.0153, -20.7094, 11.2289



50.0153, -12.1613, -19.5963



50.0153, 18.3518, -7.6031



50.0153, 7.5835, 17.9421

Rectangle

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



50.0143, -20.7086, 11.2283



50.0153, -21.2163, -6.1571



50.0153, 18.3518, -7.6031



50.0153, 19.0440, 10.2235

Sweetspot

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



50.0153, -20.7094, 11.2289



70.2817, -11.6869, 7.2912



51.8795, -14.3814, 18.5099



33.4664, -6.0338, 3.6842



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.



50.0153, -20.7094, 11.2289



65.3830, -32.0509, 17.4048



50.6569, -16.9887, 2.0272



25.4932, -3.9595, 2.5190



42.7724, -34.9766, 22.0428



4.7856, -3.5368, 1.6532

Inverse Universe

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



40.8296, 18.9490, -5.6921



50.5812, 32.1392, -9.7672



40.0991, 15.2951, 4.6798



24.2405, 1.4107, 0.2009



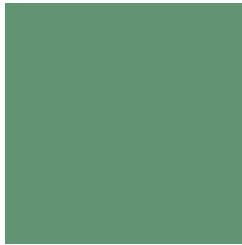
24.7609, 45.4462, -7.5835



2.8386, 5.3808, -2.1947

Previews

White Background



This preview shows how the HunterLab color 50.0143, -20.7086, 11.2283 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 50.0143, -20.7086, 11.2283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

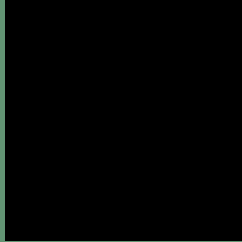
Any Text WCAG AA ✓ Pass

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 50.0143, -20.7086, 11.2283 Background



This preview shows how black text looks on a background with the HunterLab color 50.0143, -20.7086, 11.2283.



This preview shows how white text looks on a background with the HunterLab color 50.0143,

-20.7086, 11.2283.

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

50.0143, -20.7086, 11.2283

Protanopia

49.7315, -3.6098, 13.3323

Deuteranopia

49.6311, 3.6215, 9.7965



Tritanopia

50.0422, -10.5302, -5.5701

Trichromacy



Original Color

50.0143, -20.7086, 11.2283

Protanomaly

49.4905, -10.3275, 12.2982

Deuteranomaly

49.3459, -6.0244, 9.7078

Tritanomaly

50.0278, -14.5737, 1.1673

Monochromacy



Original Color

50.0143, -20.7086, 11.2283

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.8697, -9.5173, 5.7125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0143, -20.7086, 11.2283 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(98, 148, 115)` looks like.

```
.text, #text, p{  
    color:rgb(98, 148, 115)  
}
```

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(98, 148, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 148, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0143, -20.7086, 11.2283 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(98, 148, 115) }
```


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

```
.border{ border-color:rgb(98, 148, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 148, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 148, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 148, 115);  
box-shadow:4px 4px 4px 4px rgb(98, 148,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0143, -20.7086, 11.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 148, 115) }
```

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

```
.background{ background-color: rgb(98, 148,  
115) }
```

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