

Converting Colors

HunterLab(50.9899, -20.5147,
21.2023)

Have a look what the booklet for
HunterLab(50.9899, -20.5147,
21.2023) contains.

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Color

**HunterLab(50.8409,
-20.3320, 21.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	749554
RGB	116, 149, 84
RGB Percent	45%, 58%, 33%
CMY	0.5451, 0.4157, 0.6706
CMYK	0.22, 0.00, 0.44, 0.42
HSL	90°, 28%, 46%
HSV	90°, 44%, 58%
XYZ	19.5501, 25.8480, 12.3462
YIQ	131.7230, 1.1970, -27.2110

Conversions

Conversions Part 2

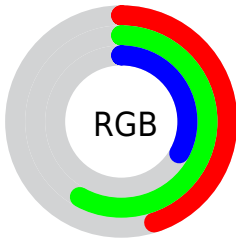
Format	Color
R_{YB}	84, 149, 117
Decimal	7640404
CIE _{Lab}	57.89, -23.36, 30.60
CIE _{LCh}	58, 38.493, 127.354
Yxy	25.8491, 0.3386, 0.4476
Android (android.graphics.Color)	4285830484 (0xFF749554)
YUV	131.7230, -23.5274, -13.7891
Hunter-Lab	50.8409, -20.3320, 21.1906

Details

The HunterLab color $[50.8409, -20.3320, 21.1906]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[35.0617, 19.7540, -26.1338]$, and the grayscale version is $[48.0166, -2.5620, 2.6088]$.

A 20% lighter version of the original color is $[72.7297, -23.9727, 25.7101]$, and $[31.6657, -16.2470, 15.9507]$ is the 20% darker color. If you saturate the color by 10%, you get $[50.1422, -23.4479, 23.8100]$, and if you desaturate by 10%, it is $[51.6214, -16.8753, 17.9837]$.

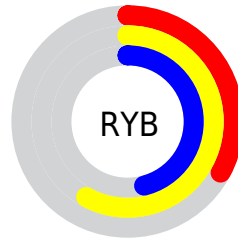
Distribution



Red (45%)

Green (58%)

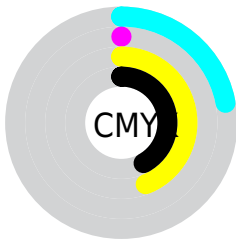
Blue (33%)



Red (33%)

Yellow (58%)

Blue (46%)

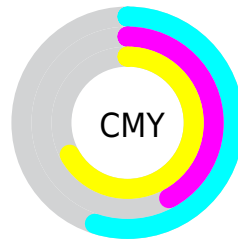


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8409, -20.3320, 21.1906 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 50.8409, -20.3320, 21.1906 by changing the saturation by 10% instead.

■ 50.8409, -20.3320,
21.1906

■ 50.8409, -20.3320,
21.1906

167.9406,
-36.3052, 40.6848

■ 40.8788, -18.3738,
18.6729

■ 72.8227, -24.0683,
25.9003

■ 31.6678, -16.3217,
15.9994

■ 84.7610, -25.8737,
28.1377

■ 23.2763, -14.1367,
13.1173

■ 97.2885, -27.6508,
30.3181

■ 15.7939, -11.7496,
10.9894

■ 110.3789,
-29.4065, 32.4528

■ 9.3481, -11.3860,
6.5436

■ 124.0088,
-31.1460, 34.5504

0.0000, NaN, NaN

138.1577,

0.0000, NaN, NaN

-32.8735, 36.6181

0.0000, NaN, NaN

152.8071,
-34.5923, 38.6614

0.0000, NaN, NaN

■ 50.8409, -20.3320,
21.1906

■ 50.8409, -20.3320,
21.1906

■ 50.1422, -23.4479,
23.8100

■ 51.6214, -16.8753,
17.9837

■ 49.5211, -26.2111,
25.8476

■ 52.4806, -13.0871,
14.1906

■ 48.9770, -28.6205,
27.3230

■ 53.4190, -8.9849,
9.8226

■ 48.5074, -30.6807,
28.2698

■ 54.4357, -4.5877,
4.8971

■ 48.1080, -32.4061,
28.7404

■ 55.5293, 0.0838,
-0.5632

■ 47.8813, -33.3817,
28.9198

■ 56.6980, 5.0081,
-6.5324

■ 57.9398, 10.1634,
-12.9815

■ 59.2526, 15.5282,
-19.8805

■ 60.6339, 21.0816,
-27.1985

Harmonies

Analogous

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



50.8420, -6.6568, 24.3147



50.8409, -20.3320, 21.1906



50.8420, -28.4788, 12.9416

Triad

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



50.8420, -20.3332, 21.1910



50.8420, -14.2057, -33.0565



50.8420, 32.1675, 6.4300

Complementary

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



50.8409, -20.3320, 21.1906



35.0617, 19.7540, -26.1338

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.



50.8420, 29.4863, -10.0719



50.8409, -20.3320, 21.1906



50.8420, 1.3496, -36.4625

Square

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



50.8420, -20.3332, 21.1910



50.8420, -25.2637, -18.7941



50.8420, 17.6849, -27.0155



50.8420, 24.6091, 17.7111

Rectangle

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



50.8409, -20.3320, 21.1906



50.8420, -30.3365, 4.1220



50.8420, 17.6849, -27.0155



50.8420, 32.4485, 1.3747

Sweetspot

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



50.8420, -20.3332, 21.1910



71.5326, -11.8182, 12.9198



44.3136, 4.2170, 16.1570



33.5503, -6.1046, 6.6717



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.



50.8420, -20.3332, 21.1910



67.1508, -31.1533, 31.6841



49.0112, -27.4805, 19.5724



25.6908, -3.3740, 3.6774



43.9457, -30.5413, 26.5445



5.0381, -2.6673, 3.0578

Inverse Universe

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



35.0617, 19.7540, -26.1338



42.0303, 33.3278, -45.3497



38.6016, 29.5111, -19.3722



24.0187, 0.7987, -1.1563



17.6782, 40.6050, -68.6568



2.3616, 4.9908, -5.8110

Previews

White Background



This preview shows how the HunterLab color 50.8409, -20.3320, 21.1906 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 50.8409, -20.3320, 21.1906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

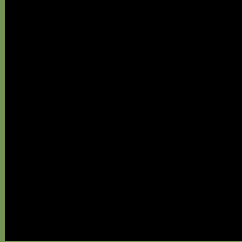
Any Text WCAG AA ✓ Pass

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 50.8409, -20.3320, 21.1906 Background



This preview shows how black text looks on a background with the HunterLab color 50.8409, -20.3320, 21.1906.



This preview shows how white text looks on a background with the HunterLab color 50.8409, -20.3320, 21.1906.

-20.3320, 21.1906.

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

50.8409, -20.3320, 21.1906

Protanopia

50.7147, -5.5823, 22.2797

Deuteranopia

50.6904, 3.1482, 20.4915



Tritanopia

50.7468, -5.1034, -3.5261

Trichromacy



Original Color

50.8409, -20.3320, 21.1906

Protanomaly

50.7227, -11.5018, 21.9543

Deuteranomaly

50.4473, -6.3145, 20.3775

Tritanomaly

50.6126, -11.5822, 7.4634

Monochromacy



Original Color

50.8409, -20.3320, 21.1906

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.8369, -9.4868, 10.2356

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8409, -20.3320, 21.1906 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(116, 149, 84)` looks like.

```
.text, #text, p{  
    color:rgb(116, 149, 84)  
}
```

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(116, 149, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 149, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8409, -20.3320, 21.1906 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(116, 149, 84) }
```


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

```
.border{ border-color:rgb(116, 149, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 149, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 149, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 149, 84);  
box-shadow:4px 4px 4px 4px rgb(116, 149,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8409, -20.3320, 21.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 149, 84) }
```

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

```
.background{ background-color: rgb(116,  
149, 84) }
```

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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