

Converting Colors

HunterLab(51.5902, -20.2611,
10.1542)

Have a look what the booklet for
HunterLab(51.5902, -20.2611,
10.1542) contains.

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Color

**HunterLab(51.6589,
-20.5337, 10.3402)**

Conversions

Conversions Part 1

Format	Color
Hex	66987A
RGB	102, 152, 122
RGB Percent	40%, 60%, 48%
CMY	0.6000, 0.4039, 0.5216
CMYK	0.33, 0.00, 0.20, 0.40
HSL	144°, 20%, 50%
HSV	144°, 33%, 60%
XYZ	20.2206, 26.6864, 22.4977
YIQ	133.6300, -20.1700, -19.9300

Conversions

Conversions Part 2

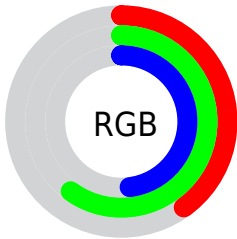
Format	Color
RYB	102, 138, 152
Decimal	6723706
CIELab	58.68, -23.43, 10.53
CIElCh	59, 25.682, 155.802
Yxy	26.6875, 0.2913, 0.3845
Android (android.graphics.Color)	4284913786 (0xFF66987A)
YUV	133.6300, -5.7336, -27.7395
Hunter-Lab	51.6589, -20.5337, 10.3402

Details

The HunterLab color $51.6589, -20.5337, 10.3402$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42.2430, 18.4709, -4.2873$, and the grayscale version is $48.7082, -2.5989, 2.6464$.

A 20% lighter version of the original color is $73.8591, -24.6577, 12.9345$, and $32.4322, -16.7303, 8.1684$ is the 20% darker color. If you saturate the color by 10%, you get $50.6594, -24.8266, 12.5381$, and if you desaturate by 10%, it is $52.8161, -15.7203, 8.1165$.

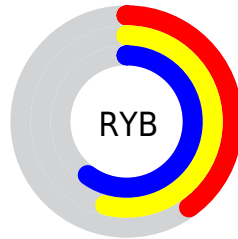
Distribution



Red (40%)

Green (60%)

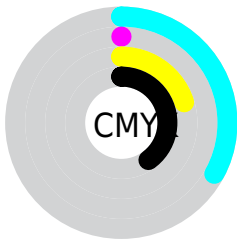
Blue (48%)



Red (40%)

Yellow (54%)

Blue (60%)

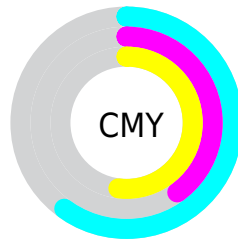


Cyan (33%)

Magenta (0%)

Yellow (20%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6589, -20.5337, 10.3402 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 51.6589, -20.5337, 10.3402 by changing the saturation by 10% instead.

■ 51.6589, -20.5337,
10.3402

■ 51.6589, -20.5337,
10.3402

169.1570,
-36.5204, 20.9087

■ 41.6397, -18.5767,
9.1827

■ 73.7442, -24.2699,
12.6425

■ 32.3671, -16.5282,
8.0084

■ 85.7301, -26.0765,
13.7964

■ 23.9079, -14.3500,
6.8030

■ 98.3031, -27.8551,
14.9565

■ 16.3496, -11.9761,
5.5403

■ 111.4369,
-29.6127, 16.1250

■ 9.8160, -10.9609,
4.9939

125.1085,
-31.3542, 17.3035

0.0000, NaN, NaN

139.2976,

0.0000, NaN, NaN

-33.0840, 18.4931

0.0000, NaN, NaN

153.9859,
-34.8051, 19.6946

0.0000, NaN, NaN

■ 51.6589, -20.5337,
10.3402

■ 51.6589, -20.5337,
10.3402

■ 50.6594, -24.8266,
12.5381

■ 52.8161, -15.7203,
8.1165

■ 49.8142, -28.5586,
14.6830

■ 54.1259, -10.4303,
5.8887

■ 49.1218, -31.7053,
16.7492

■ 55.5859, -4.7160,
3.6785

■ 48.5770, -34.2577,
18.7108

■ 57.1913, 1.3691,
1.5039

■ 48.1710, -36.2266,
20.5429

■ 58.9366, 7.7726,
-0.6207

■ 47.8914, -37.6465,
22.2228

■ 60.8153, 14.4448,
-2.6841

■ 47.7412, -38.4348,
23.2973

■ 62.8208, 21.3402,
-4.6779

■ 64.9462, 28.4182,
-6.5969

■ 67.1847, 35.6435,
-8.4380

Harmonies

Analogous

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



51.6600, -14.4668, 16.5194



51.6589, -20.5337, 10.3402



51.6600, -22.0162, 0.7537

Triad

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



51.6600, -20.5345, 10.3408



51.6600, -0.6214, -21.2405



51.6600, 15.3786, 13.1764

Complementary

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



51.6589, -20.5337, 10.3402



42.2430, 18.4709, -4.2873

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.



51.6600, 19.8106, 4.7889



51.6589, -20.5337, 10.3402



51.6600, 10.0937, -16.1314

Square

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



51.6600, -20.5345, 10.3408



51.6600, -11.0793, -18.9017



51.6600, 17.8008, -6.0541



51.6600, 6.1232, 17.9030

Rectangle

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



51.6589, -20.5337, 10.3402



51.6600, -20.3209, -6.6495



51.6600, 17.8008, -6.0541



51.6600, 17.5154, 10.7655

Sweetspot

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



51.6600, -20.5345, 10.3408



72.4129, -11.8592, 7.0270



53.2823, -15.2741, 18.5769



34.4066, -6.1121, 3.5317



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.6600, -20.5345, 10.3408



67.6978, -31.2724, 15.7476



52.3096, -16.7771, 1.0378



26.3903, -4.0483, 2.4513



43.7216, -35.1520, 21.2349



5.4099, -3.9015, 1.6603

Inverse Universe

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



42.2430, 18.4709, -4.2873



52.8244, 30.5662, -7.2559



41.5426, 14.9506, 5.6775



25.0635, 1.4096, 0.3759



24.9793, 45.3498, -3.7961



3.1693, 5.9564, -2.0526

Previews

White Background



This preview shows how the HunterLab color 51.6589, -20.5337, 10.3402 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 51.6589, -20.5337, 10.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

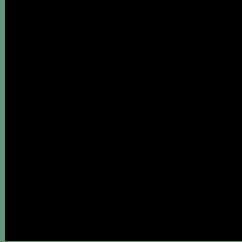
Any Text WCAG AA ✓ Pass

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 51.6589, -20.5337, 10.3402 Background



This preview shows how black text looks on a background with the HunterLab color 51.6589, -20.5337, 10.3402.



This preview shows how white text looks on a background with the HunterLab color 51.6589,

-20.5337, 10.3402.

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

51.6589, -20.5337, 10.3402

Protanopia

51.3874, -3.3486, 12.5421

Deuteranopia

51.2662, 3.8160, 9.2181



Tritanopia

51.6581, -10.5053, -5.9992

Trichromacy



Original Color

51.6589, -20.5337, 10.3402

Protanomaly

51.1469, -10.0794, 11.4717

Deuteranomaly

50.9843, -5.8603, 9.1384

Tritanomaly

51.6682, -14.4180, 0.3796

Monochromacy



Original Color

51.6589, -20.5337, 10.3402

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.7986, -9.7948, 5.3699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6589, -20.5337, 10.3402 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(102, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(102, 152, 122)  
}
```

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(102, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 152, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6589, -20.5337, 10.3402 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(102, 152, 122) }
```


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

```
.border{ border-color:rgb(102, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 152, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 152, 122);  
box-shadow:4px 4px 4px 4px rgb(102, 152,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6589, -20.5337, 10.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 152, 122) }
```

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

```
.background{ background-color: rgb(102,  
152, 122) }
```

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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