

Converting Colors

HunterLab(53.0709, -20.4560,
16.3621)

Have a look what the booklet for
HunterLab(53.0709, -20.4560,
16.3621) contains.

HunterLab(53.0756, -20.5807, 16.4962)	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(53.0756,
-20.5807, 16.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	739B6C
RGB	115, 155, 108
RGB Percent	45%, 61%, 42%
CMY	0.5490, 0.3921, 0.5765
CMYK	0.26, 0.00, 0.30, 0.39
HSL	111°, 19%, 52%
HSV	111°, 30%, 61%
XYZ	21.4983, 28.1702, 18.4916
YIQ	137.6820, -8.7530, -23.0970

Conversions

Conversions Part 2

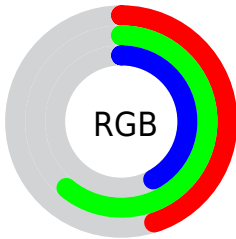
Format	Color
R_{YB}	108, 155, 148
Decimal	7576428
CIE _{Lab}	60.04, -23.13, 20.35
CIE _{LCh}	60, 30.806, 138.651
Yxy	28.1714, 0.3154, 0.4133
Android (android.graphics.Color)	4285766508 (0xFF739B6C)
YUV	137.6820, -14.6332, -19.8921
Hunter-Lab	53.0756, -20.5807, 16.4962

Details

The HunterLab color $53.0756, -20.5807, 16.4962$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44.0322, 18.1801, -14.3071$, and the grayscale version is $50.3468, -2.6864, 2.7354$.

A 20% lighter version of the original color is $75.4693, -24.3594, 19.9495$, and $33.6908, -16.8600, 12.9417$ is the 20% darker color. If you saturate the color by 10%, you get $51.9989, -25.3175, 19.9220$, and if you desaturate by 10%, it is $54.3052, -15.2933, 12.5557$.

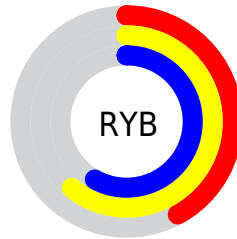
Distribution



Red (45%)

Green (61%)

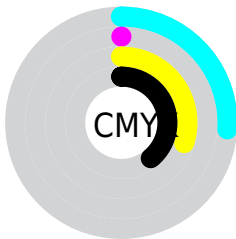
Blue (42%)



Red (42%)

Yellow (61%)

Blue (58%)

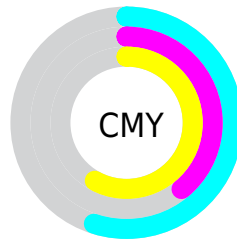


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0756, -20.5807, 16.4962 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 53.0756, -20.5807, 16.4962 by changing the saturation by 10% instead.

■ 53.0756, -20.5807,
16.4962

■ 53.0756, -20.5807,
16.4962

171.2557,
-36.4113, 31.2638

■ 42.9592, -18.6532,
14.7092

■ 75.3379, -24.2699,
19.9195

■ 33.5814, -16.6399,
12.8436

■ 87.4053, -26.0567,
21.5808

■ 25.0070, -14.5058,
10.8662

■ 100.0560,
-27.8175, 23.2204

■ 17.3201, -12.1909,
8.7232

■ 113.2642,
-29.5586, 24.8444

■ 10.6379, -10.3567,
7.4465

127.0073,
-31.2850, 26.4574

■ 0.6921, -1.2112,
0.4845

141.2652,

0.0000, NaN, NaN

-33.0006, 28.0631

0.0000, NaN, NaN

156.0201,
-34.7085, 29.6644

0.0000, NaN, NaN

■ 53.0756, -20.5807,
16.4962

■ 53.0756, -20.5807,
16.4962

■ 51.9989, -25.3175,
19.9220

■ 54.3052, -15.2933,
12.5557

■ 51.0730, -29.4575,
22.8043

■ 55.6816, -9.5024,
8.1346

■ 50.2983, -32.9700,
25.1285

■ 57.2018, -3.2634,
3.2746

■ 49.6716, -35.8378,
26.8947

■ 58.8606, 3.3687,
-1.9804

■ 49.1875, -38.0622,
28.1215

■ 60.6522, 10.3400,
-7.5861

■ 48.8371, -39.6663,
28.8501

■ 62.5704, 17.6001,
-13.4995

■ 48.6075, -40.7127,
29.2390

■ 64.6088, 25.1028,
-19.6803

■ 66.7606, 32.8070,
-26.0916

■ 69.0196, 40.6768,
-32.7004

Harmonies

Analogous

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



53.0767, -10.7129, 21.0568



53.0756, -20.5807, 16.4962



53.0767, -25.5048, 7.4257

Triad

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



53.0767, -20.5818, 16.4967



53.0767, -7.7394, -26.6652



53.0767, 23.4273, 10.0472

Complementary

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



53.0756, -20.5807, 16.4962



44.0322, 18.1801, -14.3071

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.



53.0767, 24.4227, -2.0870



53.0756, -20.5807, 16.4962



53.0767, 5.5312, -25.4677

Square

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



53.0767, -20.5818, 16.4967



53.0767, -18.5886, -18.6283



53.0767, 17.6015, -15.6722



53.0767, 15.0018, 18.0103

Rectangle

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



53.0756, -20.5807, 16.4962



53.0767, -25.6758, -0.8736



53.0767, 17.6015, -15.6722



53.0767, 24.6705, 6.3951

Sweetspot

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



53.0767, -20.5818, 16.4967



74.7377, -11.7871, 10.1682



54.0525, -6.0639, 17.6382



35.4300, -6.1350, 5.2447



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



53.0767, -20.5818, 16.4967



70.0844, -31.6747, 25.0824



53.0082, -20.1189, 10.8146



26.3961, -4.1749, 3.6004



43.5746, -36.4323, 26.2127



5.4199, -4.0666, 3.2685

Inverse Universe

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



44.0322, 18.1801, -14.3071



55.6335, 30.4500, -24.3722



44.2101, 17.5487, -4.9791



25.0540, 1.5450, -0.9321



24.1839, 49.2754, -45.2998



3.1393, 6.2814, -4.9882

Previews

White Background



This preview shows how the HunterLab color 53.0756, -20.5807, 16.4962 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 53.0756, -20.5807, 16.4962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

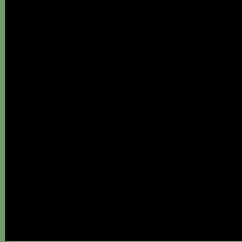
Any Text WCAG AA ✓ Pass

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 53.0756, -20.5807, 16.4962 Background



This preview shows how black text looks on a background with the HunterLab color 53.0756, -20.5807, 16.4962.



This preview shows how white text looks on a background with the HunterLab color 53.0756,

-20.5807, 16.4962.

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

53.0756, -20.5807, 16.4962

Protanopia

52.8151, -4.7600, 18.0560

Deuteranopia

52.7085, 3.8546, 15.3028



Tritanopia

52.9178, -7.4433, -4.7851

Trichromacy



Original Color

53.0756, -20.5807, 16.4962

Protanomaly

52.7022, -11.0945, 17.2454

Deuteranomaly

52.4250, -5.8153, 15.1939

Tritanomaly

53.0295, -12.8259, 4.2777

Monochromacy



Original Color

53.0756, -20.5807, 16.4962

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.2100, -9.4130, 8.1439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0756, -20.5807, 16.4962 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(115, 155, 108)` looks like.

```
.text, #text, p{  
    color:rgb(115, 155, 108)  
}
```

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(115, 155, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 155, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0756, -20.5807, 16.4962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

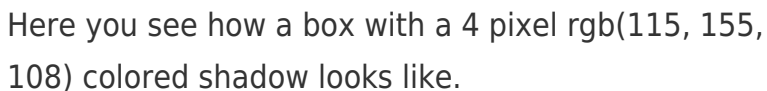
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 155, 108) }
```


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

```
.border{ border-color:rgb(115, 155, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 155, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 155, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 155, 108); box-shadow:4px 4px 4px 4px rgb(115, 155, 108) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0756, -20.5807, 16.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 155, 108) }
```

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

```
.background{ background-color: rgb(115,  
155, 108) }
```

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