

Converting Colors

HunterLab(52.8348, -21.2606,
8.2434)

Have a look what the booklet for
HunterLab(52.8348, -21.2606,
8.2434) contains.

HunterLab(52.7169, -20.8991, 7.9679)	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(52.7169,
-20.8991, 7.9679)**

Conversions

Conversions Part 1

Format	Color
Hex	649B83
RGB	100, 155, 131
RGB Percent	39%, 61%, 51%
CMY	0.6078, 0.3921, 0.4863
CMYK	0.35, 0.00, 0.15, 0.39
HSL	154°, 22%, 50%
HSV	154°, 35%, 61%
XYZ	21.0736, 27.7907, 25.7262
YIQ	135.8190, -25.0760, -19.1240

Conversions

Conversions Part 2

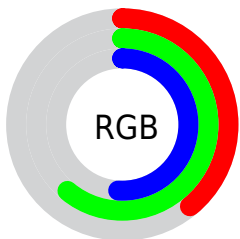
Format	Color
RYB	100, 135, 155
Decimal	6593411
CIELab	59.70, -23.67, 6.87
CIELCh	60, 24.644, 163.804
Yxy	27.7919, 0.2825, 0.3726
Android (android.graphics.Color)	4284783491 (0xFF649B83)
YUV	135.8190, -2.3758, -31.4133
Hunter-Lab	52.7169, -20.8991, 7.9679

Details

The HunterLab color $52.7169, -20.8991, 7.9679$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $41.8794, 19.2604, -0.8547$, and the grayscale version is $49.5641, -2.6446, 2.6929$.

A 20% lighter version of the original color is $75.0508, -24.7033, 9.9891$, and $33.1479, -16.6057, 5.8567$ is the 20% darker color. If you saturate the color by 10%, you get $51.7813, -24.8580, 9.5481$, and if you desaturate by 10%, it is $53.8060, -16.4363, 6.4698$.

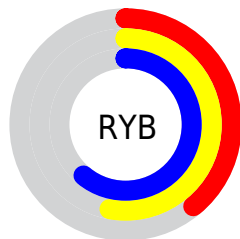
Distribution



Red (39%)

Green (61%)

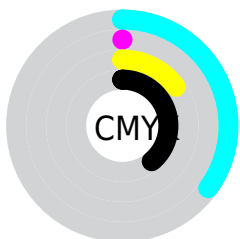
Blue (51%)



Red (39%)

Yellow (53%)

Blue (61%)

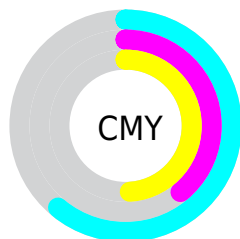


Cyan (35%)

Magenta (0%)

Yellow (15%)

Black (39%)



Cyan (61%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.7169, -20.8991, 7.9679 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 52.7169, -20.8991, 7.9679 by changing the saturation by 10% instead.

■ 52.7169, -20.8991,
7.9679

■ 52.7169, -20.8991,
7.9679

170.7252,
-36.9683, 17.0587

■ 42.6249, -18.9343,
7.0318

■ 74.9346, -24.6528,
9.8764

■ 33.2735, -16.8796,
6.1014

■ 86.9815, -26.4687,
10.8519

■ 24.7281, -14.6981,
5.1701

■ 99.6126, -28.2567,
11.8435

■ 17.0734, -12.3267,
4.2250

■ 112.8021,
-30.0237, 12.8517

■ 10.4284, -10.6679,
3.3844

126.5272,
-31.7746, 13.8772

0.0000, NaN, NaN

140.7678,

0.0000, NaN, NaN

-33.5136, 14.9201

0.0000, NaN, NaN

155.5059,
-35.2440, 15.9805

0.0000, NaN, NaN

■ 52.7169, -20.8991,
7.9679

■ 52.7169, -20.8991,
7.9679

■ 51.7813, -24.8580,
9.5481

■ 53.8060, -16.4363,
6.4698

■ 50.9946, -28.2817,
11.1901

■ 55.0445, -11.5057,
5.0671

■ 50.3543, -31.1546,
12.8737

■ 56.4312, -6.1528,
3.7720

■ 49.8539, -33.4763,
14.5755

■ 57.9620, -0.4251,
2.5930

■ 49.4838, -35.2657,
16.2708

■ 59.6323, 5.6291,
1.5353

■ 49.2282, -36.5725,
17.9316

■ 61.4364, 11.9632,
0.6011

■ 49.1302, -37.0858,
18.6492

■ 63.3681, 18.5333,
-0.2098

■ 65.4211, 25.2998,
-0.8994

■ 67.5890, 32.2274,
-1.4715

Harmonies

Analogous

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



52.7180, -16.1230, 14.9731



52.7169, -20.8991, 7.9679



52.7180, -21.0880, -1.9406

Triad

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



52.7180, -20.8999, 7.9685



52.7180, 2.1074, -19.4947



52.7180, 12.6221, 14.5458

Complementary

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



52.7169, -20.8991, 7.9679



41.8794, 19.2604, -0.8547

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.



52.7180, 18.3436, 7.2653



52.7169, -20.8991, 7.9679



52.7180, 11.9583, -13.0260

Square

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



52.7180, -20.8999, 7.9685



52.7180, -8.3501, -19.2035



52.7180, 18.0915, -2.7958



52.7180, 2.9568, 18.2288

Rectangle

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



52.7169, -20.8991, 7.9679



52.7180, -18.6208, -9.0222



52.7180, 18.0915, -2.7958



52.7180, 15.1031, 12.5079

Sweetspot

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



52.7180, -20.8999, 7.9685



74.4297, -12.4041, 6.0225



53.5772, -18.9865, 19.3391



35.3019, -6.3225, 2.9694



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.



52.7180, -20.8999, 7.9685



69.4868, -32.4420, 12.4231



52.5497, -15.7325, -2.8839



26.4215, -3.8743, 2.0051



44.0392, -33.1818, 16.5849



5.4520, -3.6439, 1.0516

Inverse Universe

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



41.8794, 19.2604, -0.8547



51.9514, 32.9099, -1.6219



41.8809, 14.6950, 8.9953



25.0304, 1.2321, 0.8464



24.3645, 43.1168, 4.9550



3.0963, 5.6963, -1.0518

Previews

White Background



This preview shows how the HunterLab color 52.7169, -20.8991, 7.9679 looks on a white background.

Color Contrast Check

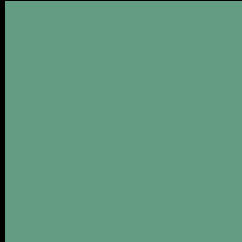
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.7169, -20.8991, 7.9679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

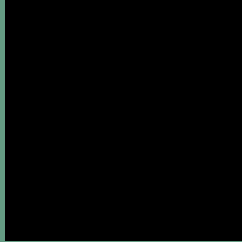
Any Text WCAG AA ✓ Pass

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 52.7169, -20.8991, 7.9679 Background



This preview shows how black text looks on a background with the HunterLab color 52.7169, -20.8991, 7.9679.



This preview shows how white text looks on a background with the HunterLab color 52.7169,

-20.8991, 7.9679.

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

52.7169, -20.8991, 7.9679

Protanopia

52.5449, -3.2831, 10.4278

Deuteranopia

52.3448, 3.7385, 6.3571



Tritanopia

52.8236, -12.2169, -6.5562

Trichromacy



Original Color

52.7169, -20.8991, 7.9679

Protanomaly

52.2545, -10.2127, 9.2381

Deuteranomaly

52.0298, -6.1158, 6.2520

Tritanomaly

52.5680, -15.5145, -0.9015

Monochromacy



Original Color

52.7169, -20.8991, 7.9679

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.5738, -9.8179, 4.5501

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.7169, -20.8991, 7.9679 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(100, 155, 131)` looks like.

```
.text, #text, p{  
    color:rgb(100, 155, 131)  
}
```

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(100, 155, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 155, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 52.7169, -20.8991, 7.9679 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(100, 155, 131) }
```


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

```
.border{ border-color:rgb(100, 155, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 155, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 155, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 155, 131);  
box-shadow:4px 4px 4px 4px rgb(100, 155,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.7169, -20.8991, 7.9679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 155, 131) }
```

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

```
.background{ background-color: rgb(100,  
155, 131) }
```

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