

Converting Colors

HunterLab(52.1791, -29.5664,
19.8140)

Have a look what the booklet for
HunterLab(52.1791, -29.5664,
19.8140) contains.

HunterLab(52.1752, -29.5873, 19.8640)	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(52.1752,
-29.5873, 19.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	569E5D
RGB	86, 158, 93
RGB Percent	34%, 62%, 36%
CMY	0.6627, 0.3804, 0.6353
CMYK	0.46, 0.00, 0.41, 0.38
HSL	126°, 30%, 48%
HSV	126°, 46%, 62%
XYZ	18.0404, 27.2225, 14.6596
YIQ	129.0620, -22.0470, -35.4790

Conversions

Conversions Part 2

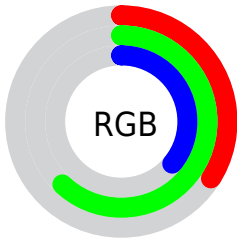
Format	Color
R_{YB}	86, 152, 158
Decimal	5676637
CIE _{Lab}	59.18, -36.70, 27.11
CIE _{LCh}	59, 45.634, 143.546
Yxy	27.2237, 0.3011, 0.4543
Android (android.graphics.Color)	4283866717 (0xFF569E5D)
YUV	129.0620, -17.7786, -37.7654
Hunter-Lab	52.1752, -29.5873, 19.8640

Details

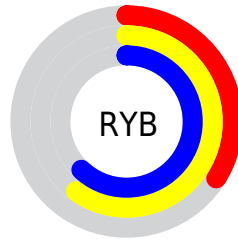
The HunterLab color $52.1752, -29.5873, 19.8640$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $40.1990, 31.8484, -17.8561$, and the grayscale version is $46.9529, -2.5053, 2.5510$.

A 20% lighter version of the original color is $74.2816, -34.7288, 24.1036$, and $32.8464, -23.8272, 15.3413$ is the 20% darker color. If you saturate the color by 10%, you get $51.3080, -33.5356, 22.5384$, and if you desaturate by 10%, it is $53.2308, -24.9061, 16.7894$.

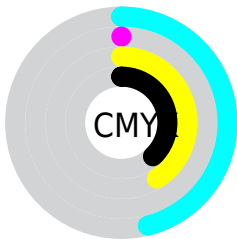
Distribution



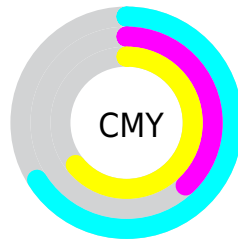
- Red (34%)
- Green (62%)
- Blue (36%)



- Red (34%)
- Yellow (60%)
- Blue (62%)



- Cyan (46%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)



- Cyan (66%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.1752, -29.5873, 19.8640 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 52.1752, -29.5873, 19.8640 by changing the saturation by 10% instead.

■ 52.1752, -29.5873,
19.8640

■ 52.1752, -29.5873,
19.8640

169.9230,
-51.4030, 37.6926

■ 42.1204, -26.7579,
17.6077

■ 74.3253, -34.8772,
24.1160

■ 32.8091, -23.7501,
15.2242

■ 86.3411, -37.3875,
26.1496

■ 24.3077, -20.4978,
12.6675

■ 98.9425, -39.8314,
28.1393

■ 16.7021, -16.8900,
10.2133

■ 112.1036,
-42.2212, 30.0944

■ 10.1139, -16.4638,
7.0797

125.8014,
-44.5664, 32.0221

0.0000, NaN, NaN

0.0000, NaN, NaN

140.0157,

-46.8745, 33.9281

0.0000, NaN, NaN

154.7283,
-49.1517, 35.8170

0.0000, NaN, NaN

■ 52.1752, -29.5873,
19.8640

■ 52.1752, -29.5873,
19.8640

■ 51.3080, -33.5356,
22.5384

■ 53.2308, -24.9061,
16.7894

■ 50.6219, -36.7215,
24.7859

■ 54.4721, -19.5364,
13.3483

■ 50.1104, -39.1437,
26.5939

■ 55.8980, -13.5398,
9.5824

■ 49.7611, -40.8301,
27.9642

■ 57.5042, -6.9857,
5.5360

■ 49.5547, -41.8504,
28.9137

■ 59.2844, 0.0532,
1.2538

■ 49.4877, -42.1794,
29.1978

■ 61.2313, 7.5053,
-3.2216

■ 63.3366, 15.3028,
-7.8510

■ 65.5915, 23.3843,
-12.5996

■ 67.9873, 31.6952,
-17.4377

Harmonies

Analogous

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



52.1763, -16.9018, 26.0597



52.1752, -29.5873, 19.8640



52.1763, -34.9896, 6.6826

Triad

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



52.1763, -29.5881, 19.8644



52.1763, -6.9241, -46.3170



52.1763, 36.1127, 15.1468

Complementary

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



52.1752, -29.5873, 19.8640



40.1990, 31.8484, -17.8561

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.



52.1763, 39.8155, -1.3189



52.1752, -29.5873, 19.8640



52.1763, 13.0091, -41.4303

Square

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



52.1763, -29.5881, 19.8644



52.1763, -23.1997, -34.6413



52.1763, 30.8287, -23.0273



52.1763, 21.3446, 24.1164

Rectangle

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



52.1752, -29.5873, 19.8640



52.1763, -34.3932, -6.1986



52.1763, 30.8287, -23.0273



52.1763, 38.7743, 10.5045

Sweetspot

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



52.1763, -29.5881, 19.8644



75.5930, -17.1408, 12.2259



56.3936, -13.6809, 25.2535



35.6934, -8.9639, 6.3184



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



52.1763, -29.5881, 19.8644



69.0881, -45.4324, 30.5385



52.9073, -25.2407, 9.2727



27.2232, -4.5246, 3.3751



44.2903, -37.7259, 26.0803



5.9451, -4.9022, 3.1515

Inverse Universe

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



40.1990, 31.8484, -17.8561



49.9831, 53.3198, -29.8654



38.9694, 26.0776, -0.6705



25.9682, 1.8223, -0.5442



27.2113, 52.4163, -27.5032



3.6782, 7.1473, -4.1981

Previews

White Background



This preview shows how the HunterLab color 52.1752, -29.5873, 19.8640 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 52.1752, -29.5873, 19.8640 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 52.1752, -29.5873, 19.8640 Background



This preview shows how black text looks on a background with the HunterLab color 52.1752, -29.5873, 19.8640.



This preview shows how white text looks on a background with the HunterLab color 52.1752,

-29.5873, 19.8640.

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

52.1752, -29.5873, 19.8640

Protanopia

51.9641, -5.3668, 21.6381

Deuteranopia

51.8895, 3.3496, 18.8294



Tritanopia

52.1421, -13.2146, -6.9699

Trichromacy



Original Color

52.1752, -29.5873, 19.8640

Protanomaly

51.6206, -15.6485, 20.6791

Deuteranomaly

51.2640, -10.5597, 18.6049

Tritanomaly

52.0340, -19.9448, 4.7468

Monochromacy



Original Color

52.1752, -29.5873, 19.8640

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

48.5055, -13.7116, 9.4522

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.1752, -29.5873, 19.8640 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(86, 158, 93)` looks like.

```
.text, #text, p{  
    color:rgb(86, 158, 93)  
}
```

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(86, 158, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 158, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 52.1752, -29.5873, 19.8640 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(86, 158, 93) }
```


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

```
.border{ border-color:rgb(86, 158, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 158, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 158, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 158, 93);  
box-shadow:4px 4px 4px 4px rgb(86, 158,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.1752, -29.5873, 19.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 158, 93) }
```

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

```
.background{ background-color: rgb(86, 158,  
93) }
```

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