

Converting Colors

HunterLab(29.2582, -19.3368,
8.5948)

Have a look what the booklet for
HunterLab(29.2582, -19.3368,
8.5948) contains.

HunterLab(29.2153, -19.1998, 8.4173)	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(29.2153,
-19.1998, 8.4173)**

Conversions

Conversions Part 1	
Format	Color
Hex	175E3E
RGB	23, 94, 62
RGB Percent	9%, 37%, 24%
CMY	0.9098, 0.6314, 0.7569
CMYK	0.76, 0.00, 0.34, 0.63
HSL	153°, 61%, 23%
HSV	153°, 76%, 37%
XYZ	5.2255, 8.5353, 5.9295
YIQ	69.1230, -32.0440, -25.0040

Conversions

Conversions Part 2

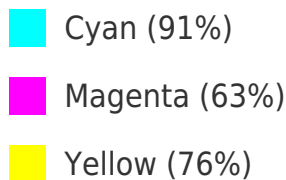
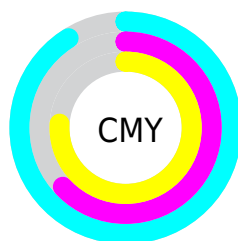
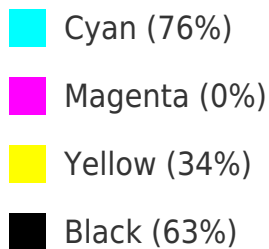
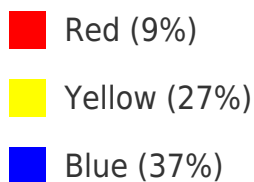
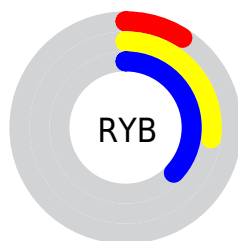
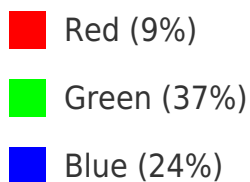
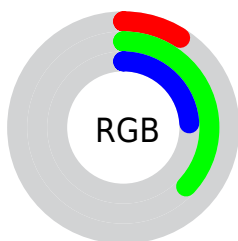
Format	Color
RYB	23, 69, 94
Decimal	1531454
CIELab	35.07, -30.02, 12.25
CIELCh	35, 32.426, 157.803
Yxy	8.5357, 0.2654, 0.4335
Android (android.graphics.Color)	4279721534 (0xFF175E3E)
YUV	69.1230, -3.5116, -40.4499
Hunter-Lab	29.2153, -19.1998, 8.4173

Details

The HunterLab color **29.2153, -19.1998, 8.4173** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **18.0789, 23.7746, -0.2980**, and the grayscale version is **24.4589, -1.3051, 1.3289**.

A 20% lighter version of the original color is **47.9544, -24.0594, 10.8892**, and **14.4224, -11.2034, 6.1581** is the 20% darker color. If you saturate the color by 10%, you get **28.9810, -20.3177, 9.3771**, and if you desaturate by 10%, it is **29.5218, -17.7948, 7.4542**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.2153, -19.1998, 8.4173 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 29.2153, -19.1998, 8.4173 by changing the saturation by 10% instead.


 29.2153, -19.1998,
8.4173


 29.2153, -19.1998,
8.4173


134.1176,
-39.2306, 19.7348


 21.0703, -16.4020,
7.0552

 47.9605, -24.2166,
10.9990

 13.8650, -13.2780,
5.5977


 58.4305, -26.5391,
12.2542

 7.4952, -13.1166,
5.2466


 69.5678, -28.7778,
13.4993

0.0000, NaN, NaN

0.0000, NaN, NaN

 81.3346, -30.9518,
14.7404

0.0000, NaN, NaN

 93.6989, -33.0748,
15.9817


0.0000, NaN, NaN


0.0000, NaN, NaN


 106.6331,


-35.1572, 17.2265


0.0000, NaN, NaN


 120.1131,
-37.2070, 18.4769


 29.2153, -19.1998,
8.4173


 29.2153, -19.1998,
8.4173


 28.9810, -20.3177,
9.3771


 29.5218, -17.7948,
7.4542


 28.8006, -21.2079,
10.3100

 29.9031, -16.0963,
6.4994

 28.7234, -21.5896,
10.7040

 30.3625, -14.1074,
5.5646

 30.9014, -11.8385,
4.6603

 31.5202, -9.3055,
3.7958

■ 32.2184, -6.5283,
2.9787

■ 32.9947, -3.5299,
2.2153

■ 33.8471, -0.3344,
1.5100

■ 34.7730, 3.0340,
0.8659

Harmonies

Analogous

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



29.2159, -13.8101, 13.7277



29.2153, -19.1998, 8.4173



29.2159, -20.2478, -1.3822

Triad

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



29.2159, -19.2001, 8.4176



29.2159, 1.4731, -27.4991



29.2159, 17.8377, 11.6957

Complementary

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



29.2153, -19.1998, 8.4173



18.0789, 23.7746, -0.2980

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.



29.2159, 23.4603, 4.2800



29.2153, -19.1998, 8.4173



29.2159, 13.1134, -20.1267

Square

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



29.2159, -19.2001, 8.4176



29.2159, -9.3833, -25.0259



29.2159, 21.6105, -7.4271



29.2159, 7.1833, 15.0519

Rectangle

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



29.2153, -19.1998, 8.4173



29.2159, -18.5201, -9.8928



29.2159, 21.6105, -7.4271



29.2159, 20.4477, 9.7350

Sweetspot

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



29.2159, -19.2001, 8.4176



41.8686, -11.6688, 4.8213



29.8533, -17.5880, 16.4775



20.3893, -6.1386, 2.4940



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.2159, -19.2001, 8.4176



38.1566, -27.8375, 13.4453



29.2943, -13.6726, -3.6221



16.1387, -2.2353, 1.2123



33.7715, -25.4846, 12.8025



78.9139, -60.3453, 31.6327

Inverse Universe

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



18.0789, 23.7746, -0.2980



21.7849, 36.0367, 1.9552



17.7559, 20.4635, 8.5924



15.3725, 0.6055, 0.5270



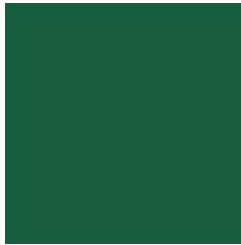
18.7561, 33.3216, 2.8077



43.6915, 77.2471, 9.4416

Previews

White Background



This preview shows how the HunterLab color 29.2153, -19.1998, 8.4173 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 29.2153, -19.1998, 8.4173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.2153, -19.1998, 8.4173 Background



This preview shows how black text looks on a background with the HunterLab color 29.2153, -19.1998, 8.4173.



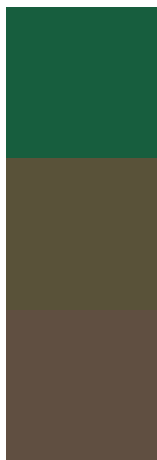
This preview shows how white text looks on a background with the HunterLab color 29.2153, -19.1998, 8.4173.

-19.1998, 8.4173.

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

29.2153, -19.1998, 8.4173

Protanopia

29.0755, -2.5321, 9.9784

Deuteranopia

29.0868, 1.7150, 7.7592



Tritanopia

29.3372, -10.8755, -4.9687

Trichromacy



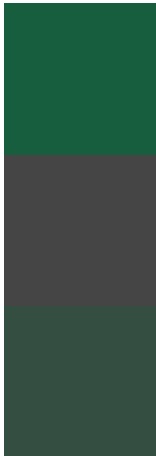
Original Color
29.2153, -19.1998, 8.4173

Protanomaly
28.4520, -10.2842, 8.7296

Deuteranomaly
28.2419, -8.0247, 7.0791

Tritanomaly
29.0613, -14.1975, 0.5470

Monochromacy



Original Color
29.2153, -19.1998, 8.4173

Achromatopsia
24.3949, -1.3017, 1.3254

Achromatomaly
25.6363, -9.1866, 3.7157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2153, -19.1998, 8.4173 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(23, 94, 62)` looks like.

```
.text, #text, p{  
    color:rgb(23, 94, 62)  
}
```

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(23, 94, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 94, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2153, -19.1998, 8.4173 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(23, 94, 62) }
```


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

```
.border{ border-color:rgb(23, 94, 62) }
```

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

Here you see how a box with a 4 pixel rgb(23, 94, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 94, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 94, 62);  
box-shadow:4px 4px 4px 4px rgb(23, 94, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2153, -19.1998, 8.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 94, 62) }
```

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

```
.background{ background-color: rgb(23, 94,  
62) }
```

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