

# Converting Colors

HunterLab(29.6459, -19.6152,  
10.2602)

Have a look what the booklet for  
HunterLab(29.6459, -19.6152,  
10.2602) contains.

<b>HunterLab(29.5652, -19.5145, 10.1137)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(29.5652,  
-19.5145, 10.1137)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D5F39
RGB	29, 95, 57
RGB Percent	11%, 37%, 22%
CMY	0.8863, 0.6274, 0.7765
CMYK	0.69, 0.00, 0.40, 0.63
HSL	145°, 53%, 24%
HSV	145°, 69%, 37%
XYZ	5.3374, 8.7410, 5.2767
YIQ	70.9340, -27.1380, -25.8100

# Conversions

## Conversions Part 2

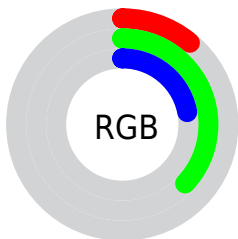
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 75, 95
Decimal	1924921
CIE <sub>Lab</sub>	35.48, -30.43, 15.84
CIE <sub>LCh</sub>	35, 34.307, 152.497
Yxy	8.7414, 0.2758, 0.4516
Android (android.graphics.Color)	4280115001 (0xFF1D5F39)
YUV	70.9340, -6.8695, -36.7761
Hunter-Lab	29.5652, -19.5145, 10.1137

# Details

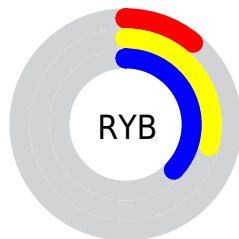
The HunterLab color  $[29.5652, -19.5145, 10.1137]$  is a dark color, and the websafe version is hex  $336633$ . A complement of this color would be  $[19.2797, 23.4045, -4.0415]$ , and the grayscale version is  $[25.1094, -1.3398, 1.3642]$ .

A 20% lighter version of the original color is  $[48.3230, -24.5126, 13.2782]$ , and  $[14.6479, -11.7878, 7.1379]$  is the 20% darker color. If you saturate the color by 10%, you get  $[29.2780, -20.8740, 11.2081]$ , and if you desaturate by 10%, it is  $[29.9322, -17.8363, 8.9697]$ .

# Distribution



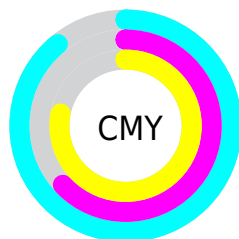
- Red (11%)
- Green (37%)
- Blue (22%)



- Red (11%)
- Yellow (29%)
- Blue (37%)



- Cyan (69%)
- Magenta (0%)
- Yellow (40%)
- Black (63%)



- Cyan (89%)
- Magenta (63%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5652, -19.5145, 10.1137 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 29.5652, -19.5145, 10.1137 by changing the saturation by 10% instead.



■ 29.5652, -19.5145,  
10.1137

■ 29.5652, -19.5145,  
10.1137

134.6984,  
-39.7259, 23.1982

■ 21.3843, -16.6923,  
8.4559

■ 48.3730, -24.5777,  
13.1943

■ 14.1383, -13.5442,  
6.7159

■ 58.8710, -26.9217,  
14.6668

■ 7.7900, -13.6324,  
5.4530

■ 70.0346, -29.1812,  
16.1135

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8264, -31.3749,  
17.5432

0.0000, NaN, NaN

■ 94.2144, -33.5170,  
18.9624

0.0000, NaN, NaN

■ 107.1712,

0.0000, NaN, NaN

-35.6177, 20.3757

0.0000, NaN, NaN

120.6729,  
-37.6852, 21.7868

29.5652, -19.5145,  
10.1137

29.5652, -19.5145,  
10.1137

29.2780, -20.8740,  
11.2081

29.9322, -17.8363,  
8.9697

29.0637, -21.9226,  
12.2393

30.3805, -15.8394,  
7.7887

28.8881, -22.7994,  
13.1724

30.9126, -13.5340,  
6.5843

28.8790, -22.8443,  
13.2181

31.5291, -10.9366,  
5.3693

32.2296, -8.0688,  
4.1561

■ 33.0127, -4.9558,  
2.9553

■ 33.8764, -1.6244,  
1.7765

■ 34.8181, 1.8982,  
0.6275

■ 35.8348, 5.5855,  
-0.4855

# Harmonies

## Analogous

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



29.5658, -13.0693, 14.8518



29.5652, -19.5145, 10.1137



29.5658, -21.4173, 0.6286

# Triad

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



29.5658, -19.5148, 10.1139



29.5658, -0.5585, -30.1385



29.5658, 20.7133, 11.2017

# Complementary

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



29.5652, -19.5145, 10.1137



19.2797, 23.4045, -4.0415

# 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.



29.5658, 25.4393, 2.5576



29.5652, -19.5145, 10.1137



29.5658, 11.9875, -23.8033

# Square

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



29.5658, -19.5148, 10.1139



29.5658, -11.5741, -25.5205



29.5658, 22.0164, -10.5436



29.5658, 9.9499, 15.2791



# Rectangle

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



29.5652, -19.5145, 10.1137



29.5658, -20.1499, -8.1734



29.5658, 22.0164, -10.5436



29.5658, 23.1323, 8.8872

# Sweetspot

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



29.5658, -19.5148, 10.1139



41.9719, -11.3946, 5.7794



30.7970, -15.2733, 16.4716



20.4667, -5.8993, 2.9625



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.



29.5658, -19.5148, 10.1139



38.1365, -28.1865, 15.4868



30.2914, -15.1583, -0.3159



16.9477, -2.4456, 1.4800



34.4131, -27.3297, 15.9835



79.4335, -63.8305, 38.5068



# Inverse Universe

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



19.2797, 23.4045, -4.0415



22.9457, 35.8461, -4.4960



18.5208, 20.1621, 6.7984



16.1612, 0.7359, 0.3384



19.5830, 35.4618, -2.2707

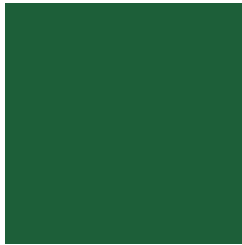


45.0645, 81.2469, -2.4498



# Previews

## White Background



This preview shows how the HunterLab color 29.5652, -19.5145, 10.1137 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

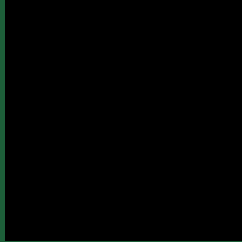
Any Text WCAG AA × Fail

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 29.5652, -19.5145, 10.1137 Background



This preview shows how black text looks on a background with the HunterLab color 29.5652, -19.5145, 10.1137.



This preview shows how white text looks on a background with the HunterLab color 29.5652, -19.5145, 10.1137.

-19.5145, 10.1137.

# 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

29.5652, -19.5145, 10.1137

### Protanopia

29.4255, -2.7986, 11.5368

### Deuteranopia

29.4464, 1.4977, 9.2817



## Tritanopia

29.5142, -10.2061, -4.7110

# Trichromacy



## Original Color

29.5652, -19.5145, 10.1137

## Protanomaly

28.8300, -10.4683, 10.4043

## Deuteranomaly

28.7049, -7.8749, 8.7200

## Tritanomaly

29.4870, -14.1501, 1.8712

# Monochromacy



## Original Color

29.5652, -19.5145, 10.1137

## Achromatopsia

25.1018, -1.3394, 1.3638

## Achromatomaly

26.4035, -9.1389, 4.5356

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.5652, -19.5145, 10.1137 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(29, 95, 57)` looks like.

```
.text, #text, p{  
    color:rgb(29, 95, 57)  
}
```

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(29, 95, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 95, 57) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.5652, -19.5145, 10.1137 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(29, 95, 57) }
```



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

```
.border{ border-color:rgb(29, 95, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 95, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 95, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 95, 57);  
box-shadow:4px 4px 4px 4px rgb(29, 95, 57)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 29.5652, -19.5145, 10.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 95, 57) }
```

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

```
.background{ background-color: rgb(29, 95,  
57) }
```

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