

Converting Colors

HunterLab(29.3397, -19.6910,
12.0056)

Have a look what the booklet for
HunterLab(29.3397, -19.6910,
12.0056) contains.

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Color

**HunterLab(29.2269,
-19.6123, 11.9936)**

Conversions

Conversions Part 1

Format	Color
Hex	215E30
RGB	33, 94, 48
RGB Percent	13%, 37%, 19%
CMY	0.8706, 0.6314, 0.8118
CMYK	0.65, 0.00, 0.49, 0.63
HSL	135°, 48%, 25%
HSV	135°, 65%, 37%
XYZ	5.1634, 8.5421, 4.1729
YIQ	70.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

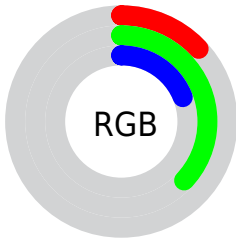
Format	Color
R_{YB}	33, 82, 94
Decimal	2186800
CIE Lab	35.09, -30.84, 20.65
CIE LCh	35, 37.114, 146.191
Yxy	8.5425, 0.2888, 0.4778
Android (android.graphics.Color)	4280376880 (0xFF215E30)
YUV	70.5170, -11.1009, -32.9024
Hunter-Lab	29.2269, -19.6123, 11.9936

Details

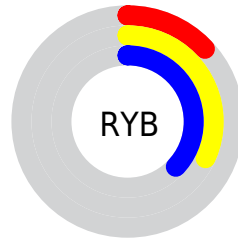
The HunterLab color $29.2269, -19.6123, 11.9936$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $20.0800, 23.2769, -9.0616$, and the grayscale version is $24.9748, -1.3326, 1.3569$.

A 20% lighter version of the original color is $47.9670, -24.6347, 15.7436$, and $14.2738, -12.1302, 8.3445$ is the 20% darker color. If you saturate the color by 10%, you get $28.9042, -21.1321, 13.1540$, and if you desaturate by 10%, it is $29.6364, -17.7378, 10.6978$.

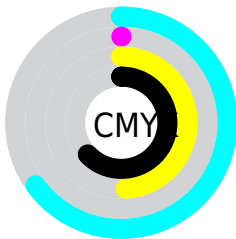
Distribution



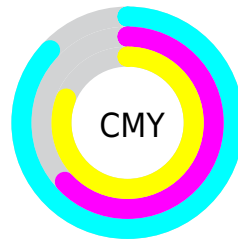
- Red (13%)
- Green (37%)
- Blue (19%)



- Red (13%)
- Yellow (32%)
- Blue (37%)



- Cyan (65%)
- Magenta (0%)
- Yellow (49%)
- Black (63%)



- Cyan (87%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2269, -19.6123, 11.9936 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 29.2269, -19.6123, 11.9936 by changing the saturation by 10% instead.

■ 29.2269, -19.6123,
11.9936

■ 29.2269, -19.6123,
11.9936

134.1369,
-40.0592, 27.5365

■ 21.0807, -16.7446,
9.9168

■ 47.9742, -24.7468,
15.7766

■ 13.8740, -13.5394,
8.1096

■ 58.4451, -27.1203,
17.5529

■ 7.5052, -13.1340,
5.2536

■ 69.5833, -29.4065,
19.2802

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.3509, -31.6248,
20.9716

0.0000, NaN, NaN

■ 93.7160, -33.7897,
22.6367

0.0000, NaN, NaN

■ 106.6510,

0.0000, NaN, NaN

-35.9118, 24.2824

0.0000, NaN, NaN

120.1317,
-37.9994, 25.9143

29.2269, -19.6123,
11.9936

29.2269, -19.6123,
11.9936

28.9042, -21.1321,
13.1540

29.6364, -17.7378,
10.6978

28.6621, -22.3003,
14.1680

30.1335, -15.5141,
9.2789

28.4861, -23.1710,
15.0225

30.7200, -12.9572,
7.7523

28.4043, -23.5734,
15.3852

31.3959, -10.0895,
6.1344

32.1600, -6.9384,
4.4418

■ 33.0103, -3.5340,
2.6911

■ 33.9440, 0.0925,
0.8974

■ 34.9578, 3.9104,
-0.9253

■ 36.0484, 7.8907,
-2.7650

Harmonies

Analogous

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



29.2275, -11.8246, 15.9208



29.2269, -19.6123, 11.9936



29.2275, -22.6071, 3.1313

Triad

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



29.2275, -19.6127, 11.9938



29.2275, -3.2079, -33.6150



29.2275, 24.5114, 10.2816

Complementary

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



29.2269, -19.6123, 11.9936



20.0800, 23.2769, -9.0616

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.



29.2275, 27.8993, -0.0381



29.2269, -19.6123, 11.9936



29.2275, 10.3489, -28.9230

Square

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



29.2275, -19.6127, 11.9938



29.2275, -14.2446, -25.9749



29.2275, 22.3256, -15.0349



29.2275, 13.7391, 15.2801

Rectangle

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



29.2269, -19.6123, 11.9936



29.2275, -21.9523, -5.8719



29.2275, 22.3256, -15.0349



29.2275, 26.6247, 7.4909

Sweetspot

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



29.2275, -19.6127, 11.9938



42.0659, -11.1836, 6.9403



31.3224, -11.6965, 16.3723



20.4977, -5.8630, 3.6067



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.



29.2275, -19.6127, 11.9938



38.0570, -28.8737, 18.1722



29.7915, -16.2108, 3.8280



16.1069, -2.4124, 1.6672



33.3998, -27.7963, 18.2574



78.0794, -65.5416, 43.8930

Inverse Universe

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



20.0800, 23.2769, -9.0616



24.1801, 36.8322, -13.3528



19.2134, 19.5194, 3.1226



15.4066, 0.7889, 0.0419



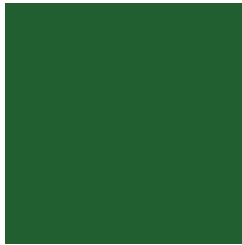
19.7795, 37.0060, -11.5053



46.1284, 86.0373, -24.7731

Previews

White Background



This preview shows how the HunterLab color 29.2269, -19.6123, 11.9936 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 29.2269, -19.6123, 11.9936 Background



This preview shows how black text looks on a background with the HunterLab color 29.2269, -19.6123, 11.9936.



This preview shows how white text looks on a background with the HunterLab color 29.2269,

-19.6123, 11.9936.

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

29.2269, -19.6123, 11.9936

Protanopia

29.0527, -3.0031, 12.9866

Deuteranopia

29.1420, 1.4417, 11.3726



Tritanopia

29.3149, -9.5545, -4.4855

Trichromacy



Original Color

29.2269, -19.6123, 11.9936

Protanomaly

28.5432, -10.3821, 12.2495

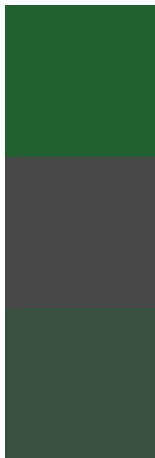
Deuteranomaly

28.4175, -7.8370, 10.8390

Tritanomaly

29.2214, -13.8314, 2.7553

Monochromacy



Original Color

29.2269, -19.6123, 11.9936

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.1165, -8.9292, 5.2606

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2269, -19.6123, 11.9936 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(33, 94, 48)` looks like.

```
.text, #text, p{  
    color:rgb(33, 94, 48)  
}
```

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(33, 94, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 94, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2269, -19.6123, 11.9936 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(33, 94, 48) }
```


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

```
.border{ border-color:rgb(33, 94, 48) }
```

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

Here you see how a box with a 4 pixel rgb(33, 94, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 94, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 94, 48);  
box-shadow:4px 4px 4px 4px rgb(33, 94, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2269, -19.6123, 11.9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 94, 48) }
```

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

```
.background{ background-color: rgb(33, 94,  
48) }
```

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](#).

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