

Converting Colors

HunterLab(27.6339, -18.9778,
15.5579)

Have a look what the booklet for
HunterLab(27.6339, -18.9778,
15.5579) contains.

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Color

**HunterLab(27.6339,
-18.9778, 15.5579)**

Conversions

Conversions Part 1

Format	Color
Hex	285911
RGB	40, 89, 17
RGB Percent	16%, 35%, 7%
CMY	0.8431, 0.6510, 0.9333
CMYK	0.55, 0.00, 0.81, 0.65
HSL	101°, 68%, 21%
HSV	101°, 81%, 35%
XYZ	4.5486, 7.6363, 1.7645
YIQ	66.1410, -6.0920, -32.7800

Conversions

Conversions Part 2

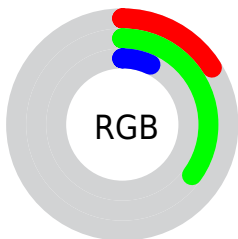
Format	Color
R_{YB}	17, 89, 66
Decimal	2644241
CIE _{Lab}	33.21, -30.60, 34.24
CIE _{LCh}	33, 45.919, 131.786
Yxy	7.6366, 0.3261, 0.5474
Android (android.graphics.Color)	4280834321 (0xFF285911)
YUV	66.1410, -24.2265, -22.9257
Hunter-Lab	27.6339, -18.9778, 15.5579

Details

The HunterLab color $[27.6339, -18.9778, 15.5579]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[15.1018, 23.8149, -27.3845]$, and the grayscale version is $[23.4745, -1.2525, 1.2754]$.

A 20% lighter version of the original color is $[46.2190, -24.3174, 21.6389]$, and $[13.1444, -11.2713, 7.9022]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.3896, -20.0733, 16.0223]$, and if you desaturate by 10%, it is $[27.9309, -17.6464, 14.8396]$.

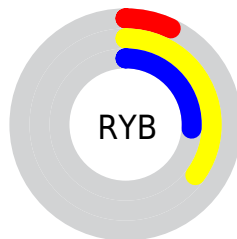
Distribution



Red (16%)

Green (35%)

Blue (7%)



Red (7%)

Yellow (35%)

Blue (26%)

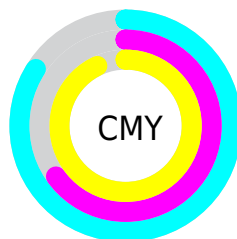


Cyan (55%)

Magenta (0%)

Yellow (81%)

Black (65%)



Cyan (84%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6339, -18.9778, 15.5579 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 27.6339, -18.9778, 15.5579 by changing the saturation by 10% instead.

■ 27.6339, -18.9778,
15.5579

■ 27.6339, -18.9778,
15.5579

131.4738,
-39.4338, 38.5435

■ 19.6554, -16.0792,
12.5386

■ 46.0901, -24.1382,
21.4743

■ 12.6389, -13.0297,
8.8472

■ 56.4312, -26.5155,
24.1756

■ 5.9654, -10.4394,
4.1758

■ 67.4474, -28.8022,
26.7559

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.0998, -31.0187,
29.2406

0.0000, NaN, NaN

■ 91.3551, -33.1802,
31.6487


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 104.1852,


-35.2977, 33.9947


0.0000, NaN, NaN


 117.5654,
-37.3800, 36.2900


 27.6339, -18.9778,
15.5579


 27.6339, -18.9778,
15.5579


 27.3896, -20.0733,
16.0223


 27.9309, -17.6464,
14.8396

 27.1993, -20.9332,
16.3936

 28.2813, -16.0722,
13.8441

 28.6869, -14.2586,
12.5626

 29.1482, -12.2125,
10.9931

 29.6651, -9.9445,
9.1390

■ 30.2374, -7.4679,
7.0085

■ 30.8640, -4.7977,
4.6129

■ 31.5439, -1.9500,
1.9664

■ 32.2755, 1.0583,
-0.9150

Harmonies

Analogous

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



27.6345, -7.4239, 17.4969



27.6339, -18.9778, 15.5579



27.6345, -24.8579, 9.1122

Triad

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



27.6345, -18.9783, 15.5580



27.6345, -10.3633, -42.5732



27.6345, 35.0905, 6.7902

Complementary

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



27.6339, -18.9778, 15.5579



15.1018, 23.8149, -27.3845

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.



27.6345, 33.7993, -9.1664



27.6339, -18.9778, 15.5579



27.6345, 5.0218, -44.5202

Square

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



27.6345, -18.9783, 15.5580



27.6345, -20.7111, -25.5911



27.6345, 21.8791, -29.9782



27.6345, 25.0876, 14.6807

Rectangle

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



27.6339, -18.9778, 15.5579



27.6345, -25.7984, 0.5864



27.6345, 21.8791, -29.9782



27.6345, 36.0149, 2.3916

Sweetspot

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



27.6345, -18.9783, 15.5580



39.2215, -11.0404, 10.2762



24.3828, 2.0714, 13.7711



19.6540, -5.9376, 5.4997



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



27.6345, -18.9783, 15.5580



35.5574, -27.2978, 21.2676



27.1164, -20.9546, 13.8003



15.3592, -2.0803, 2.0133



32.9847, -25.6068, 19.8767



77.8981, -61.8711, 46.9173

Inverse Universe

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



15.1018, 23.8149, -27.3845



17.2555, 35.5773, -44.2166



17.4950, 27.1333, -12.5404



14.5620, 0.5269, -0.4609



15.7348, 33.7060, -42.2318



36.6254, 79.0356, -102.7929

Previews

White Background



This preview shows how the HunterLab color 27.6339, -18.9778, 15.5579 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

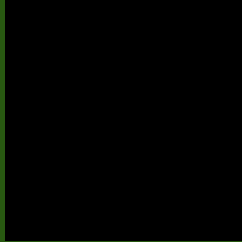
Any Text WCAG AA × Fail

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 27.6339, -18.9778, 15.5579 Background



This preview shows how black text looks on a background with the HunterLab color 27.6339, -18.9778, 15.5579.



This preview shows how white text looks on a background with the HunterLab color 27.6339,

-18.9778, 15.5579.

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

27.6339, -18.9778, 15.5579

Protanopia

27.4867, -3.7594, 15.9752

Deuteranopia

27.5035, 1.5911, 14.9927



Tritanopia

27.7157, -7.2393, -3.7409

Trichromacy



Original Color

27.6339, -18.9778, 15.5579

Protanomaly

27.2189, -10.2393, 15.6084

Deuteranomaly

26.8843, -7.2012, 14.7659

Tritanomaly

27.3574, -12.8726, 6.4404

Monochromacy



Original Color

27.6339, -18.9778, 15.5579

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.4557, -8.7143, 8.1376

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6339, -18.9778, 15.5579 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(40, 89, 17)` looks like.

```
.text, #text, p{  
    color:rgb(40, 89, 17)  
}
```

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(40, 89, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 89, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6339, -18.9778, 15.5579 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(40, 89, 17) }
```


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

```
.border{ border-color:rgb(40, 89, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 89, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 89, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 89, 17);  
box-shadow:4px 4px 4px 4px rgb(40, 89, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.6339, -18.9778, 15.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 89, 17) }
```

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

```
.background{ background-color: rgb(40, 89,  
17) }
```

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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