

Converting Colors

HunterLab(27.4519, -15.8557,
12.8078)

Have a look what the booklet for
HunterLab(27.4519, -15.8557,
12.8078) contains.

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Color

**HunterLab(27.5288,
-16.0073, 12.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	305725
RGB	48, 87, 37
RGB Percent	19%, 34%, 15%
CMY	0.8118, 0.6588, 0.8549
CMYK	0.45, 0.00, 0.57, 0.66
HSL	107°, 40%, 24%
HSV	107°, 57%, 34%
XYZ	4.9611, 7.5783, 2.9516
YIQ	69.6390, -7.1940, -23.8180

Conversions

Conversions Part 2

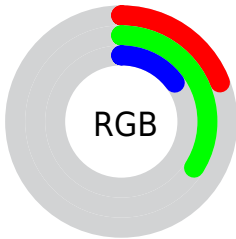
Format	Color
R_{YB}	37, 87, 76
Decimal	3168037
CIE _{Lab}	33.09, -24.73, 24.56
CIE _{LCh}	33, 34.852, 135.203
Yxy	7.5787, 0.3203, 0.4892
Android (android.graphics.Color)	4281358117 (0xFF305725)
YUV	69.6390, -16.0910, -18.9774
Hunter-Lab	27.5288, -16.0073, 12.9132

Details

The HunterLab color $[27.5288, -16.0073, 12.9132]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[18.8362, 17.8564, -16.4638]$, and the grayscale version is $[24.6778, -1.3167, 1.3408]$.

A 20% lighter version of the original color is $[45.8882, -20.2570, 17.3478]$, and $[12.6698, -10.4717, 7.6237]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.1621, -17.6684, 13.9883]$, and if you desaturate by 10%, it is $[27.9604, -14.0769, 11.5667]$.

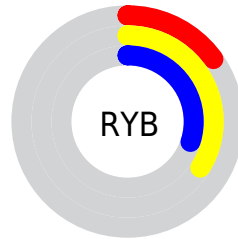
Distribution



Red (19%)

Green (34%)

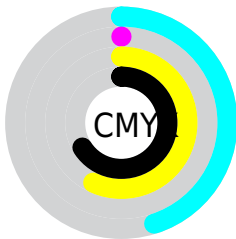
Blue (15%)



Red (15%)

Yellow (34%)

Blue (30%)

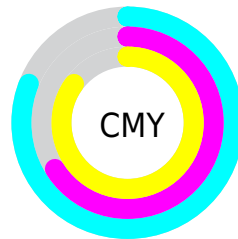


Cyan (45%)

Magenta (0%)

Yellow (57%)

Black (66%)



Cyan (81%)

Magenta (66%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5288, -16.0073, 12.9132 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 27.5288, -16.0073, 12.9132 by changing the saturation by 10% instead.

■ 27.5288, -16.0073,
12.9132

■ 27.5288, -16.0073,
12.9132

131.2970,
-33.4580, 30.6099

■ 19.5616, -13.6187,
10.4498

■ 45.9655, -20.3151,
17.3304

■ 12.5579, -10.9804,
8.7906

■ 56.2978, -22.3227,
19.3756

■ 5.8483, -10.2346,
4.0938

■ 67.3059, -24.2669,
21.3488

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.9505, -26.1633,
23.2674

0.0000, NaN, NaN

■ 91.1985, -28.0231,
25.1444

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.0216,

-29.8547, 26.9892

0.0000, NaN, NaN

117.3950,
-31.6647, 28.8091

27.5288, -16.0073,
12.9132

27.5288, -16.0073,
12.9132

27.1621, -17.6684,
13.9883

27.9604, -14.0769,
11.5667

26.8574, -19.0533,
14.7956

28.4556, -11.8861,
9.9507

26.6129, -20.1640,
15.3471

29.0149, -9.4501,
8.0732

26.4185, -21.0531,
15.7685

29.6374, -6.7867,
5.9462

26.3753, -21.2542,
15.8802

30.3219, -3.9154,
3.5845

■ 31.0666, -0.8570,
1.0053

■ 31.8697, 2.3678,
-1.7733

■ 32.7288, 5.7388,
-4.7330

■ 33.6417, 9.2370,
-7.8555

Harmonies

Analogous

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



27.5294, -7.2650, 15.3810



27.5288, -16.0073, 12.9132



27.5294, -20.4192, 6.5365

Triad

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



27.5294, -16.0078, 12.9134



27.5294, -7.1201, -29.2998



27.5294, 24.5283, 6.6565

Complementary

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



27.5288, -16.0073, 12.9132



18.8362, 17.8564, -16.4638

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.



27.5294, 24.5852, -4.7188



27.5288, -16.0073, 12.9132



27.5294, 4.8471, -29.2211

Square

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



27.5294, -16.0078, 12.9134



27.5294, -15.9175, -19.0761



27.5294, 16.8954, -18.8925



27.5294, 16.7511, 12.9687

Rectangle

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



27.5288, -16.0073, 12.9132



27.5294, -20.8902, -0.5678



27.5294, 16.8954, -18.8925



27.5294, 25.4896, 3.4161

Sweetspot

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



27.5294, -16.0078, 12.9134



38.7094, -8.8934, 7.7901



26.9029, -1.9391, 12.6859



19.0768, -4.5765, 3.9966



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



27.5294, -16.0078, 12.9134



35.3237, -23.8013, 18.7091



27.2823, -16.6378, 9.8794



15.3310, -2.1811, 1.9805



32.7492, -26.6006, 19.7142



77.3999, -63.9810, 46.5734

Inverse Universe

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



18.8362, 17.8564, -16.4638



21.9217, 28.9556, -27.6029



19.5947, 18.7013, -7.0247



14.5934, 0.6329, -0.4195



17.1095, 35.5171, -37.1334



40.0521, 83.5083, -89.7592

Previews

White Background



This preview shows how the HunterLab color 27.5288, -16.0073, 12.9132 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

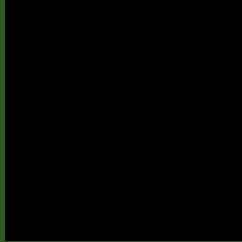
Any Text WCAG AA × Fail

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 27.5288, -16.0073, 12.9132 Background



This preview shows how black text looks on a background with the HunterLab color 27.5288, -16.0073, 12.9132.



This preview shows how white text looks on a background with the HunterLab color 27.5288,

-16.0073, 12.9132.

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

27.5288, -16.0073, 12.9132

Protanopia

27.4640, -3.5353, 13.5942

Deuteranopia

27.3689, 1.4652, 12.3456



Tritanopia

27.5845, -6.4305, -2.9595

Trichromacy



Original Color

27.5288, -16.0073, 12.9132

Protanomaly

27.1734, -8.6766, 13.1227

Deuteranomaly

27.1383, -5.9170, 12.2331

Tritanomaly

27.4856, -10.6548, 4.6049

Monochromacy



Original Color

27.5288, -16.0073, 12.9132

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.4922, -7.2564, 6.2709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5288, -16.0073, 12.9132 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(48, 87, 37)` looks like.

```
.text, #text, p{  
    color:rgb(48, 87, 37)  
}
```

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(48, 87, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 87, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5288, -16.0073, 12.9132 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(48, 87, 37) }
```


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

```
.border{ border-color:rgb(48, 87, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 87, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 87, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 87, 37);  
box-shadow:4px 4px 4px 4px rgb(48, 87, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.5288, -16.0073, 12.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 87, 37) }
```

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

```
.background{ background-color: rgb(48, 87,  
37) }
```

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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