

Converting Colors

HunterLab(27.5238, -17.3697,
12.2035)

Have a look what the booklet for
HunterLab(27.5238, -17.3697,
12.2035) contains.

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Color

**HunterLab(27.5512,
-17.3425, 12.1588)**

Conversions

Conversions Part 1

Format	Color
Hex	285829
RGB	40, 88, 41
RGB Percent	16%, 35%, 16%
CMY	0.8431, 0.6549, 0.8392
CMYK	0.55, 0.00, 0.53, 0.65
HSL	121°, 38%, 25%
HSV	121°, 55%, 35%
XYZ	4.7651, 7.5907, 3.3118
YIQ	68.2900, -13.5210, -24.7930

Conversions

Conversions Part 2

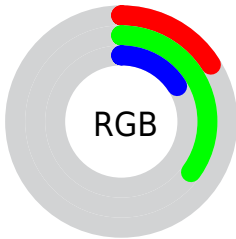
Format	Color
R_{YB}	40, 87, 88
Decimal	2644009
CIE _{Lab}	33.12, -27.34, 22.25
CIE _{LCh}	33, 35.250, 140.859
Yxy	7.5910, 0.3041, 0.4845
Android (android.graphics.Color)	4280834089 (0xFF285829)
YUV	68.2900, -13.4540, -24.8103
Hunter-Lab	27.5512, -17.3425, 12.1588

Details

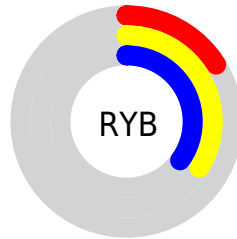
The HunterLab color $[27.5512, -17.3425, 12.1588]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.6896, 19.9056, -12.7430]$, and the grayscale version is $[24.1946, -1.2910, 1.3145]$.

A 20% lighter version of the original color is $[45.8680, -21.7968, 16.2267]$, and $[12.8683, -11.0346, 7.7362]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.1672, -19.1125, 13.3633]$, and if you desaturate by 10%, it is $[28.0264, -15.1986, 10.7109]$.

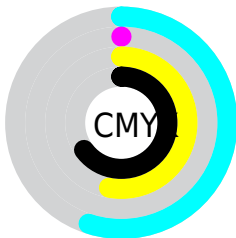
Distribution



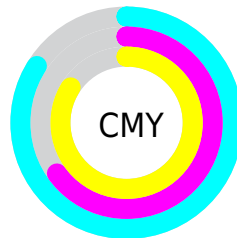
- Red (16%)
- Green (35%)
- Blue (16%)



- Red (16%)
- Yellow (34%)
- Blue (35%)



- Cyan (55%)
- Magenta (0%)
- Yellow (53%)
- Black (65%)



- Cyan (84%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5512, -17.3425, 12.1588 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 27.5512, -17.3425, 12.1588 by changing the saturation by 10% instead.

■ 27.5512, -17.3425,
12.1588

■ 27.5512, -17.3425,
12.1588

131.3347,
-36.1237, 28.6239

■ 19.5816, -14.7280,
9.9039

■ 45.9920, -22.0276,
16.2232

■ 12.5752, -11.8898,
8.6830

■ 56.3262, -24.1989,
18.1157

■ 5.8735, -10.2786,
4.1114

■ 67.3361, -26.2947,
19.9480

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.9823, -28.3328,
21.7356

0.0000, NaN, NaN

■ 91.2319, -30.3261,
23.4895

0.0000, NaN, NaN

■ 104.0565,

0.0000, NaN, NaN

-32.2844, 25.2182

0.0000, NaN, NaN

117.4313,
-34.2150, 26.9280

27.5512, -17.3425,
12.1588

27.5512, -17.3425,
12.1588

27.1672, -19.1125,
13.3633

28.0264, -15.1986,
10.7109

26.8699, -20.5022,
14.3192

28.5925, -12.6954,
9.0305

26.6550, -21.5193,
15.0301

29.2497, -9.8573,
7.1343

26.5048, -22.2347,
15.5232

29.9970, -6.7143,
5.0427

26.4269, -22.6067,
15.7702

30.8320, -3.2996,
2.7779

■ 31.7516, 0.3525,
0.3627

■ 32.7524, 4.2081,
-2.1806

■ 33.8305, 8.2354,
-4.8309

■ 34.9817, 12.4052,
-7.5692

Harmonies

Analogous

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



27.5518, -9.3021, 15.2287



27.5512, -17.3425, 12.1588



27.5518, -20.9422, 4.8003

Triad

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



27.5518, -17.3429, 12.1590



27.5518, -5.0838, -30.6764



27.5518, 23.9181, 8.2941

Complementary

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



27.5512, -17.3425, 12.1588



20.6896, 19.9056, -12.7430

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.



27.5518, 25.5782, -2.2676



27.5512, -17.3425, 12.1588



27.5518, 7.3448, -28.3762

Square

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



27.5518, -17.3429, 12.1590



27.5518, -14.7156, -21.8873



27.5518, 19.0770, -16.5276



27.5518, 14.8706, 13.7635

Rectangle

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



27.5512, -17.3425, 12.1588



27.5518, -20.8573, -3.0212



27.5518, 19.0770, -16.5276



27.5518, 25.4136, 5.3645

Sweetspot

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



27.5518, -17.3429, 12.1590



39.4606, -9.7332, 7.2361



30.2803, -6.8788, 14.6073



19.7984, -5.1658, 3.8196



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.



27.5518, -17.3429, 12.1590



35.8107, -25.8003, 18.0318



27.9468, -14.9697, 6.4127



15.2713, -2.3905, 1.8805



32.4671, -27.7868, 19.4026



76.9406, -65.9269, 46.1481

Inverse Universe

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



20.6896, 19.9056, -12.7430



25.2054, 32.3268, -20.7873



19.8836, 16.2514, -1.5740



14.6613, 0.8576, -0.2946



20.3696, 39.8771, -25.5469



48.2608, 94.4521, -60.3177

Previews

White Background



This preview shows how the HunterLab color 27.5512, -17.3425, 12.1588 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

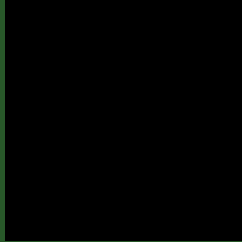
Any Text WCAG AA × Fail

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 27.5512, -17.3425, 12.1588 Background



This preview shows how black text looks on a background with the HunterLab color 27.5512, -17.3425, 12.1588.



This preview shows how white text looks on a background with the HunterLab color 27.5512,

-17.3425, 12.1588.

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

27.5512, -17.3425, 12.1588

Protanopia

27.5085, -3.2885, 12.9407

Deuteranopia

27.4225, 1.7528, 11.5606



Tritanopia

27.5891, -7.7683, -3.4467

Trichromacy



Original Color

27.5512, -17.3425, 12.1588

Protanomaly

27.2879, -9.5669, 12.4767

Deuteranomaly

26.9623, -6.4540, 11.2611

Tritanomaly

27.5122, -11.8751, 3.5327

Monochromacy



Original Color

27.5512, -17.3425, 12.1588

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.9744, -7.7918, 5.7494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5512, -17.3425, 12.1588 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, 88, 41)` looks like.

```
.text, #text, p{  
    color:rgb(40, 88, 41)  
}
```

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, 88, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 88, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5512, -17.3425, 12.1588 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, 88, 41) }
```


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

```
.border{ border-color:rgb(40, 88, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 88, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 88, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 88, 41);  
box-shadow:4px 4px 4px 4px rgb(40, 88, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.5512, -17.3425, 12.1588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 88, 41) }
```

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

```
.background{ background-color: rgb(40, 88,  
41) }
```

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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