

Converting Colors

HunterLab(36.7747, -27.2528,
19.6695)

Have a look what the booklet for
HunterLab(36.7747, -27.2528,
19.6695) contains.

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Color

**HunterLab(36.7822,
-27.2110, 19.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	287623
RGB	40, 118, 35
RGB Percent	16%, 46%, 14%
CMY	0.8431, 0.5372, 0.8627
CMYK	0.66, 0.00, 0.70, 0.54
HSL	116°, 54%, 30%
HSV	116°, 70%, 46%
XYZ	7.6568, 13.5293, 3.7980
YIQ	85.2160, -19.8450, -42.3490

Conversions

Conversions Part 2

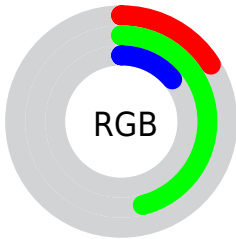
Format	Color
R_{YB}	35, 118, 113
Decimal	2651683
CIE _{Lab}	43.55, -40.74, 37.33
CIE _{LCh}	44, 55.252, 137.504
Yxy	13.5299, 0.3065, 0.5415
Android (android.graphics.Color)	4280841763 (0xFF287623)
YUV	85.2160, -24.7565, -39.6544
Hunter-Lab	36.7822, -27.2110, 19.6255

Details

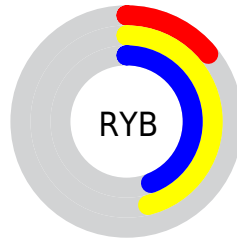
The HunterLab color $36.7822, -27.2110, 19.6255$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $24.5385, 34.7618, -25.6853$, and the grayscale version is $30.3123, -1.6174, 1.6469$.

A 20% lighter version of the original color is $56.7915, -33.4213, 25.6530$, and $20.3328, -17.4354, 12.2238$ is the 20% darker color. If you saturate the color by 10%, you get $36.4417, -28.8018, 20.6147$, and if you desaturate by 10%, it is $37.2387, -25.1064, 18.2580$.

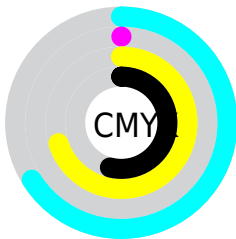
Distribution



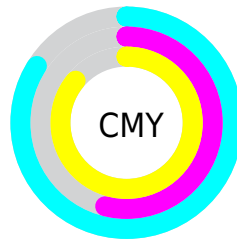
- Red (16%)
- Green (46%)
- Blue (14%)



- Red (14%)
- Yellow (46%)
- Blue (44%)



- Cyan (66%)
- Magenta (0%)
- Yellow (70%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7822, -27.2110, 19.6255 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 36.7822, -27.2110, 19.6255 by changing the saturation by 10% instead.

■ 36.7822, -27.2110,
19.6255

■ 36.7822, -27.2110,
19.6255

146.3852,
-51.9924, 43.3534

■ 27.9185, -23.7540,
16.3248

■ 56.7913, -33.4570,
25.6163

■ 19.9090, -19.9527,
13.2534

■ 67.8295, -36.3494,
28.3907

■ 12.8579, -16.5128,
9.0006

■ 79.5026, -39.1319,
31.0573

■ 6.2699, -10.9724,
4.3889

■ 91.7778, -41.8259,
33.6366

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.6268,
-44.4477, 36.1446

0.0000, NaN, NaN

■ 118.0251,

0.0000, NaN, NaN

-47.0098, 38.5938

0.0000, NaN, NaN

131.9510,
-49.5220, 40.9940

36.7822, -27.2110,
19.6255

36.7822, -27.2110,
19.6255

36.4417, -28.8018,
20.6147

37.2387, -25.1064,
18.2580

36.2069, -29.8993,
21.2484

37.8140, -22.4831,
16.5039

36.0600, -30.5947,
21.6844

38.5120, -19.3546,
14.3684

39.3333, -15.7471,
11.8672

40.2773, -11.6964,
9.0241

■ 41.3415, -7.2450,
5.8685

■ 42.5225, -2.4388,
2.4329

■ 43.8158, 2.6757,
-1.2490

■ 45.2166, 8.0536,
-5.1441

Harmonies

Analogous

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



36.7830, -13.3175, 23.0090



36.7822, -27.2110, 19.6255



36.7830, -33.6197, 9.3686

Triad

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



36.7830, -27.2116, 19.6257



36.7830, -10.2845, -58.5321



36.7830, 44.8980, 11.7668

Complementary

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



36.7822, -27.2110, 19.6255



24.5385, 34.7618, -25.6853

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.



36.7830, 46.2272, -7.2959



36.7822, -27.2110, 19.6255



36.7830, 10.9577, -56.5311

Square

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



36.7830, -27.2116, 19.6257



36.7830, -25.4214, -38.9616



36.7830, 32.7139, -34.4500



36.7830, 29.4095, 20.5359

Rectangle

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



36.7822, -27.2110, 19.6255



36.7830, -33.9984, -3.3641



36.7830, 32.7139, -34.4500



36.7830, 47.1222, 6.6649

Sweetspot

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



36.7830, -27.2116, 19.6257



53.2506, -16.1752, 12.4354



39.5793, -7.8339, 21.8691



25.4020, -8.3163, 6.3572



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.7830, -27.2116, 19.6257



48.1259, -39.1053, 27.8732



37.1070, -24.9711, 12.9113



20.2676, -3.2415, 2.6547



37.5034, -31.8333, 22.5521



82.7110, -70.6079, 49.7300

Inverse Universe

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



24.5385, 34.7618, -25.6853



30.0280, 53.3207, -40.0687



23.7985, 30.3346, -4.7097



19.3578, 1.2185, -0.5782



22.4990, 44.8195, -34.2156



49.5312, 98.7455, -75.9138

Previews

White Background



This preview shows how the HunterLab color 36.7822, -27.2110, 19.6255 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 × Fail

Black Background



This preview shows how the HunterLab color 36.7822, -27.2110, 19.6255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

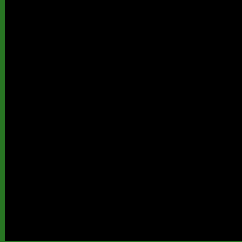
Any Text WCAG AA × Fail

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 36.7822, -27.2110, 19.6255 Background



This preview shows how black text looks on a background with the HunterLab color 36.7822, -27.2110, 19.6255.



This preview shows how white text looks on a background with the HunterLab color 36.7822, -27.2110, 19.6255.

-27.2110, 19.6255.

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

36.7822, -27.2110, 19.6255

Protanopia

36.6664, -4.9308, 20.4112

Deuteranopia

36.3711, 2.3352, 18.8818



Tritanopia

36.7095, -11.5799, -5.7707

Trichromacy



Original Color

36.7822, -27.2110, 19.6255

Protanomaly

35.9223, -14.9237, 19.6185

Deuteranomaly

35.6125, -11.5120, 18.5471

Tritanomaly

36.4304, -18.9950, 7.0899

Monochromacy



Original Color

36.7822, -27.2110, 19.6255

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.9685, -12.7161, 9.6277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7822, -27.2110, 19.6255 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, 118, 35)` looks like.

```
.text, #text, p{  
    color:rgb(40, 118, 35)  
}
```

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, 118, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 118, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7822, -27.2110, 19.6255 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, 118, 35) }
```


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

```
.border{ border-color:rgb(40, 118, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 118, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 118, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 118, 35);  
box-shadow:4px 4px 4px 4px rgb(40, 118,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7822, -27.2110, 19.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 118, 35) }
```

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

```
.background{ background-color: rgb(40, 118,  
35) }
```

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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