

Converting Colors

HunterLab(38.3779, -26.4962,
18.6358)

Have a look what the booklet for
HunterLab(38.3779, -26.4962,
18.6358) contains.

HunterLab(38.4627, -26.5605, 18.7564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.4627,
-26.5605, 18.7564)**

Conversions

Conversions Part 1

Format	Color
Hex	317A31
RGB	49, 122, 49
RGB Percent	19%, 48%, 19%
CMY	0.8078, 0.5216, 0.8078
CMYK	0.60, 0.00, 0.60, 0.52
HSL	120°, 43%, 34%
HSV	120°, 60%, 48%
XYZ	8.7805, 14.7938, 5.2984
YIQ	91.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

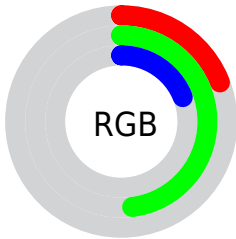
Format	Color
R_{YB}	49, 122, 122
Decimal	3242545
CIE _{Lab}	45.35, -38.41, 32.76
CIE _{LCh}	45, 50.485, 139.542
Yxy	14.7944, 0.3041, 0.5124
Android (android.graphics.Color)	4281432625 (0xFF317A31)
YUV	91.8510, -21.1255, -37.5803
Hunter-Lab	38.4627, -26.5605, 18.7564

Details

The HunterLab color $[38.4627, -26.5605, 18.7564]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[27.8201, 32.4007, -21.5310]$, and the grayscale version is $[32.7410, -1.7470, 1.7789]$.

A 20% lighter version of the original color is $[58.6731, -32.3158, 23.9116]$, and $[21.5284, -18.4606, 12.9425]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.0021, -28.7087, 20.2088]$, and if you desaturate by 10%, it is $[39.0605, -23.8255, 16.9071]$.

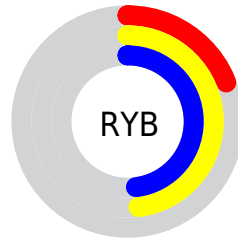
Distribution



Red (19%)

Green (48%)

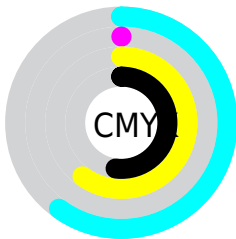
Blue (19%)



Red (19%)

Yellow (48%)

Blue (48%)

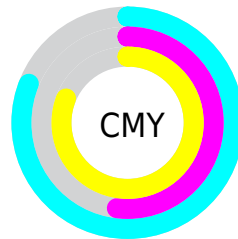


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (52%)



Cyan (81%)

Magenta (52%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4627, -26.5605, 18.7564 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 38.4627, -26.5605, 18.7564 by changing the saturation by 10% instead.

■ 38.4627, -26.5605,
18.7564

■ 38.4627, -26.5605,
18.7564

149.0364,
-50.0474, 39.9892

■ 29.4537, -23.3361,
15.8633

■ 58.7300, -32.4268,
24.0409

■ 21.2837, -19.8133,
12.7660

■ 69.8852, -35.1581,
26.5059

■ 14.0507, -15.9807,
9.8355

■ 81.6690, -37.7929,
28.8859

■ 7.6969, -13.4696,
5.3878

■ 94.0494, -40.3502,
31.1980

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.9990,
-42.8444, 33.4552

0.0000, NaN, NaN

■ 120.4938,

0.0000, NaN, NaN

-45.2864, 35.6677

0.0000, NaN, NaN

134.5125,
-47.6850, 37.8435

■ 38.4627, -26.5605,
18.7564

■ 38.4627, -26.5605,
18.7564

■ 38.0021, -28.7087,
20.2088

■ 39.0605, -23.8255,
16.9071

■ 37.6693, -30.2768,
21.2692

■ 39.7973, -20.5143,
14.6686

■ 37.4543, -31.2983,
21.9600

■ 40.6752, -16.6568,
12.0612

■ 37.3114, -31.9814,
22.4220

■ 41.6934, -12.2952,
9.1136

■ 37.3091, -31.9925,
22.4295

■ 42.8493, -7.4799,
5.8599

■ 44.1386, -2.2658,
2.3374

■ 45.5561, 3.2917,
-1.4163

■ 47.0958, 9.1392,
-5.3649

■ 48.7511, 15.2274,
-9.4752

Harmonies

Analogous

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



38.4635, -13.7747, 22.7883



38.4627, -26.5605, 18.7564



38.4635, -32.3397, 8.0042

Triad

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



38.4635, -26.5611, 18.7566



38.4635, -8.6060, -51.8458



38.4635, 39.8840, 12.1886

Complementary

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



38.4627, -26.5605, 18.7564



27.8201, 32.4007, -21.5310

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.



38.4635, 42.0311, -4.9350



38.4627, -26.5605, 18.7564



38.4635, 11.2626, -48.7411

Square

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



38.4635, -26.5611, 18.7566



38.4635, -23.4260, -35.9712



38.4635, 30.7140, -28.8589



38.4635, 25.3259, 20.5108

Rectangle

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



38.4627, -26.5605, 18.7564



38.4635, -32.4081, -4.2786



38.4635, 30.7140, -28.8589



38.4635, 42.1775, 7.5334

Sweetspot

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



38.4635, -26.5611, 18.7566



55.5045, -15.4467, 11.5059



42.7542, -9.9372, 22.1413



26.3750, -8.0871, 5.9754



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.4635, -26.5611, 18.7566



50.2127, -38.9788, 27.4132



39.0340, -23.1007, 10.4347



21.0950, -3.4848, 2.7505



38.2813, -32.8262, 23.0140



83.6085, -71.6942, 50.2639

Inverse Universe

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



27.8201, 32.4007, -21.5310



34.0186, 51.7639, -34.5863



26.4543, 26.4727, -2.7323



20.1929, 1.3872, -0.5789



24.1568, 47.4929, -31.8597



52.7599, 103.7272, -69.5831

Previews

White Background



This preview shows how the HunterLab color 38.4627, -26.5605, 18.7564 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 38.4627, -26.5605, 18.7564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

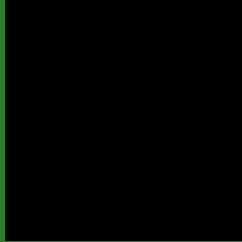
Any Text WCAG AA × Fail

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 38.4627, -26.5605, 18.7564 Background



This preview shows how black text looks on a background with the HunterLab color 38.4627, -26.5605, 18.7564.



This preview shows how white text looks on a background with the HunterLab color 38.4627, -26.5605, 18.7564.

-26.5605, 18.7564.

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

38.4627, -26.5605, 18.7564

Protanopia

38.2350, -4.7267, 19.7824

Deuteranopia

38.2150, 2.2584, 17.9797



Tritanopia

38.3186, -11.2969, -6.0910

Trichromacy



Original Color

38.4627, -26.5605, 18.7564

Protanomaly

37.6368, -14.1528, 18.8720

Deuteranomaly

37.3645, -10.5540, 17.4944

Tritanomaly

38.1396, -18.1527, 5.6028

Monochromacy



Original Color

38.4627, -26.5605, 18.7564

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.2911, -12.4565, 9.0898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4627, -26.5605, 18.7564 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(49, 122, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 122, 49)  
}
```

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(49, 122, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 122, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4627, -26.5605, 18.7564 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(49, 122, 49) }
```


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

```
.border{ border-color:rgb(49, 122, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 122, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 122, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 122, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 122,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4627, -26.5605, 18.7564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 122, 49) }
```

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

```
.background{ background-color: rgb(49, 122,  
49) }
```

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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