

Converting Colors

HunterLab(37.4552, -27.3701,
16.0519)

Have a look what the booklet for
HunterLab(37.4552, -27.3701,
16.0519) contains.

HunterLab(37.4107, -27.3704, 16.0156)	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(37.4107,
-27.3704, 16.0156)**

Conversions

Conversions Part 1

Format	Color
Hex	1C783B
RGB	28, 120, 59
RGB Percent	11%, 47%, 23%
CMY	0.8902, 0.5294, 0.7686
CMYK	0.77, 0.00, 0.51, 0.53
HSL	140°, 62%, 29%
HSV	140°, 77%, 47%
XYZ	7.9848, 13.9956, 6.4182
YIQ	85.5380, -35.2510, -38.4750

Conversions

Conversions Part 2

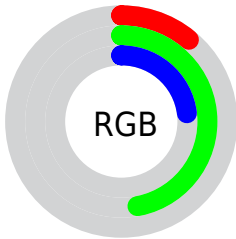
Format	Color
R_{YB}	28, 97, 120
Decimal	1865787
CIE _{Lab}	44.23, -40.61, 26.00
CIE _{LCh}	44, 48.225, 147.371
Yxy	13.9962, 0.2812, 0.4928
Android (android.graphics.Color)	4280055867 (0xFF1C783B)
YUV	85.5380, -13.0832, -50.4608
Hunter-Lab	37.4107, -27.3704, 16.0156

Details

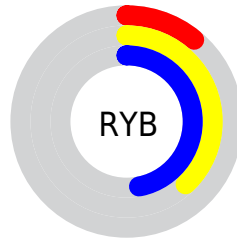
The HunterLab color **37.4107, -27.3704, 16.0156** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **23.5481, 34.3249, -8.6866**, and the grayscale version is **30.3929, -1.6217, 1.6513**.

A 20% lighter version of the original color is **57.4238, -33.5729, 20.4345**, and **21.0048, -17.4727, 11.4645** is the 20% darker color. If you saturate the color by 10%, you get **37.1256, -28.7703, 17.3628**, and if you desaturate by 10%, it is **37.8013, -25.5249, 14.5276**.

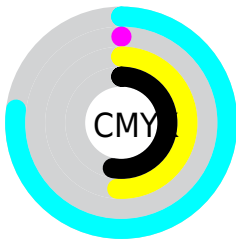
Distribution



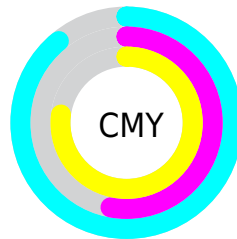
- Red (11%)
- Green (47%)
- Blue (23%)



- Red (11%)
- Yellow (38%)
- Blue (47%)



- Cyan (77%)
- Magenta (0%)
- Yellow (51%)
- Black (53%)



- Cyan (89%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4107, -27.3704, 16.0156 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 37.4107, -27.3704, 16.0156 by changing the saturation by 10% instead.

■ 37.4107, -27.3704,
16.0156

■ 37.4107, -27.3704,
16.0156

147.3795,
-52.0315, 33.8968

■ 28.4921, -23.9423,
13.6427

■ 57.5172, -33.5746,
20.3814

■ 20.4219, -20.1799,
11.0753

■ 68.5995, -36.4512,
22.4361

■ 13.3019, -16.4938,
9.3114

■ 80.3143, -39.2200,
24.4320

■ 6.8411, -11.9719,
4.7888

■ 92.6291, -41.9021,
26.3822

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5160,
-44.5132, 28.2969

0.0000, NaN, NaN

■ 118.9506,

0.0000, NaN, NaN

-47.0657, 30.1838

0.0000, NaN, NaN

132.9115,
-49.5692, 32.0488

■ 37.4107, -27.3704,
16.0156

■ 37.4107, -27.3704,
16.0156

■ 37.1256, -28.7703,
17.3628

■ 37.8013, -25.5249,
14.5276

■ 36.9248, -29.7907,
18.5479

■ 38.3020, -23.2209,
12.9144

■ 36.8642, -30.0986,
18.8971

■ 38.9180, -20.4630,
11.1950

■ 39.6516, -17.2677,
9.3892

■ 40.5032, -13.6620,
7.5178

■ 41.4718, -9.6799,
5.6007

■ 42.5551, -5.3598,
3.6568

■ 43.7496, -0.7424,
1.7032

■ 45.0513, 4.1321,
-0.2454

Harmonies

Analogous

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



37.4115, -16.9115, 21.2887



37.4107, -27.3704, 16.0156



37.4115, -31.1821, 3.5472

Triad

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



37.4115, -27.3709, 16.0158



37.4115, -3.6069, -49.5832



37.4115, 34.8817, 14.4386

Complementary

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



37.4107, -27.3704, 16.0156



23.5481, 34.3249, -8.6866

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.



37.4115, 40.3003, 0.4598



37.4107, -27.3704, 16.0156



37.4115, 15.6929, -41.8640

Square

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



37.4115, -27.3709, 16.0158



37.4115, -19.2245, -38.8311



37.4115, 32.6958, -21.0297



37.4115, 19.0490, 20.7362

Rectangle

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



37.4107, -27.3704, 16.0156



37.4115, -30.1261, -9.4671



37.4115, 32.6958, -21.0297



37.4115, 38.1004, 10.7540

Sweetspot

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



37.4115, -27.3709, 16.0158



54.0965, -16.5311, 9.1864



39.5700, -19.2726, 22.3992



26.1553, -8.7944, 4.8406



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.



37.4115, -27.3709, 16.0158



49.0315, -39.1910, 24.2455



38.3321, -21.7789, 2.7049



21.1428, -3.2174, 2.0646



38.5000, -31.4568, 19.7846



84.0004, -69.2386, 44.4730

Inverse Universe

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



23.5481, 34.3249, -8.6866



28.9231, 50.7925, -9.9897



22.3623, 29.5414, 8.1512



20.1386, 1.0962, 0.1916



22.3123, 40.9989, -7.1978



48.5632, 88.9404, -13.3818

Previews

White Background



This preview shows how the HunterLab color 37.4107, -27.3704, 16.0156 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 37.4107, -27.3704, 16.0156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

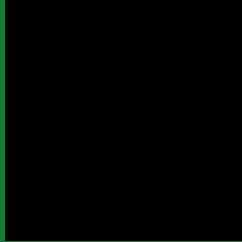
Any Text WCAG AA × Fail

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 37.4107, -27.3704, 16.0156 Background



This preview shows how black text looks on a background with the HunterLab color 37.4107, -27.3704, 16.0156.



This preview shows how white text looks on a background with the HunterLab color 37.4107,

-27.3704, 16.0156.

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

37.4107, -27.3704, 16.0156

Protanopia

37.1642, -4.1046, 17.2608

Deuteranopia

37.0533, 2.5589, 15.1155



Tritanopia

37.3795, -13.4289, -6.4070

Trichromacy



Original Color

37.4107, -27.3704, 16.0156

Protanomaly

36.4368, -15.4758, 16.0933

Deuteranomaly

36.1066, -12.0507, 14.5541

Tritanomaly

37.3190, -19.6958, 3.8970

Monochromacy



Original Color

37.4107, -27.3704, 16.0156

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.2195, -12.8823, 7.0458

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4107, -27.3704, 16.0156 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(28, 120, 59)` looks like.

```
.text, #text, p{  
    color:rgb(28, 120, 59)  
}
```

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(28, 120, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 120, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4107, -27.3704, 16.0156 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(28, 120, 59) }
```


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

```
.border{ border-color:rgb(28, 120, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 120, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 120, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 120, 59);  
box-shadow:4px 4px 4px 4px rgb(28, 120,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4107, -27.3704, 16.0156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 120, 59) }
```

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

```
.background{ background-color: rgb(28, 120,  
59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor