

Converting Colors

HunterLab(41.1664, -27.0598,
21.3172)

Have a look what the booklet for
HunterLab(41.1664, -27.0598,
21.3172) contains.

HunterLab(41.1664, -27.0598, 21.3172)	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(41.1664,
-27.0598, 21.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	3F812D
RGB	63, 129, 45
RGB Percent	25%, 51%, 18%
CMY	0.7529, 0.4941, 0.8235
CMYK	0.51, 0.00, 0.65, 0.49
HSL	107°, 48%, 34%
HSV	107°, 65%, 51%
XYZ	10.3738, 16.9467, 5.2069
YIQ	99.6900, -12.3720, -40.1160

Conversions

Conversions Part 2

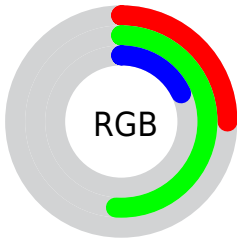
Format	Color
R_{YB}	45, 129, 111
Decimal	4161837
CIE Lab	48.19, -37.75, 38.08
CIE LCh	48, 53.620, 134.746
Yxy	16.9474, 0.3189, 0.5210
Android (android.graphics.Color)	4282351917 (0xFF3F812D)
YUV	99.6900, -26.9622, -32.1771
Hunter-Lab	41.1664, -27.0598, 21.3172

Details

The HunterLab color $41.1664, -27.0598, 21.3172$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $26.1570, 32.4122, -30.3936$, and the grayscale version is $35.6841, -1.9040, 1.9388$.

A 20% lighter version of the original color is $61.9727, -32.9841, 27.2521$, and $23.6473, -20.2776, 14.2164$ is the 20% darker color. If you saturate the color by 10%, you get $40.6930, -29.2176, 22.5617$, and if you desaturate by 10%, it is $41.7463, -24.4404, 19.6291$.

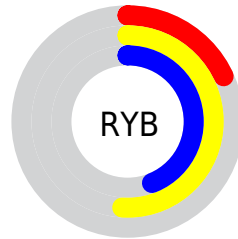
Distribution



Red (25%)

Green (51%)

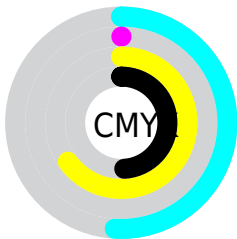
Blue (18%)



Red (18%)

Yellow (51%)

Blue (44%)

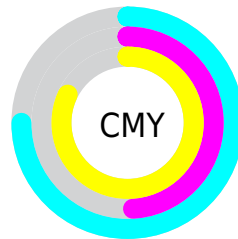


Cyan (51%)

Magenta (0%)

Yellow (65%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.1664, -27.0598, 21.3172 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 41.1664, -27.0598, 21.3172 by changing the saturation by 10% instead.

■ 41.1664, -27.0598,
21.3172

■ 41.1664, -27.0598,
21.3172

153.2545,
-50.0174, 45.0595

■ 31.9328, -23.9535,
18.0667

■ 61.8348, -32.7509,
27.2618

■ 23.5155, -20.5835,
14.6052

■ 73.1722, -35.4135,
30.0305

■ 16.0042, -16.8297,
11.2029

■ 85.1286, -37.9880,
32.6986

■ 9.5251, -16.6689,
6.6675

■ 97.6734, -40.4916,
35.2848

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.7803,
-42.9372, 37.8036

0.0000, NaN, NaN

■ 124.4261,

0.0000, NaN, NaN

-45.3349, 40.2665

0.0000, NaN, NaN

138.5902,
-47.6928, 42.6826

■ 41.1664, -27.0598,
21.3172

■ 41.1664, -27.0598,
21.3172

■ 40.6930, -29.2176,
22.5617

■ 41.7463, -24.4404,
19.6291

■ 40.3195, -30.9153,
23.3841

■ 42.4323, -21.3658,
17.4892

■ 40.0395, -32.1784,
23.8409

■ 43.2264, -17.8552,
14.9022

■ 39.9287, -32.6824,
24.0317

■ 44.1280, -13.9347,
11.8823

■ 45.1357, -9.6363,
8.4512

■ 46.2471, -4.9948,
4.6360

■ 47.4591, -0.0471,
0.4669

■ 48.7681, 5.1705,
-4.0239

■ 50.1701, 10.6227,
-8.8043

Harmonies

Analogous

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



41.1673, -12.0324, 24.8269



41.1664, -27.0598, 21.3172



41.1673, -34.5049, 11.1630

Triad

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



41.1673, -27.0605, 21.3174



41.1673, -12.3464, -55.1546



41.1673, 44.8863, 10.9098

Complementary

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



41.1664, -27.0598, 21.3172



26.1570, 32.4122, -30.3936

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.



41.1673, 44.7549, -9.2719



41.1664, -27.0598, 21.3172



41.1673, 8.6544, -55.3457

Square

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



41.1673, -27.0605, 21.3174



41.1673, -27.2502, -35.2775



41.1673, 30.4616, -35.7143



41.1673, 30.7909, 21.2127

Rectangle

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



41.1664, -27.0598, 21.3172



41.1673, -35.3521, -1.0847



41.1673, 30.4616, -35.7143



41.1673, 46.5837, 5.3102

Sweetspot

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



41.1673, -27.0605, 21.3174



59.6599, -16.0346, 13.8337



40.2277, -2.9954, 21.0762



28.2359, -8.2607, 7.0835



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



41.1673, -27.0605, 21.3174



54.2023, -40.2444, 30.7778



40.8490, -27.7839, 16.5591



22.0448, -3.3108, 2.9827



39.4279, -32.2622, 23.7305

0.0000, NaN, NaN

Inverse Universe

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



26.1570, 32.4122, -30.3936



31.2309, 51.6703, -50.4588



27.5107, 33.3008, -11.3857



20.8983, 1.1025, -0.7589



20.6522, 42.8502, -44.6592

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.1664, -27.0598, 21.3172 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 41.1664, -27.0598, 21.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

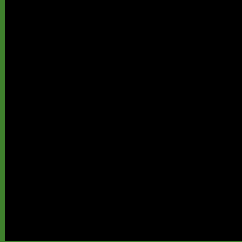
Any Text WCAG AA × Fail

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 41.1664, -27.0598, 21.3172 Background



This preview shows how black text looks on a background with the HunterLab color 41.1664, -27.0598, 21.3172.



This preview shows how white text looks on a background with the HunterLab color 41.1664,

-27.0598, 21.3172.

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

41.1664, -27.0598, 21.3172

Protanopia

40.8739, -5.2808, 22.0508

Deuteranopia

40.7870, 2.8767, 20.4605



Tritanopia

41.1688, -10.9492, -5.2387

Trichromacy



Original Color

41.1664, -27.0598, 21.3172

Protanomaly

40.3781, -14.4139, 21.4120

Deuteranomaly

40.2781, -10.1721, 20.3638

Tritanomaly

40.9055, -18.3149, 7.7755

Monochromacy



Original Color

41.1664, -27.0598, 21.3172

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

37.3822, -12.5936, 10.7771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.1664, -27.0598, 21.3172 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(63, 129, 45)` looks like.

```
.text, #text, p{  
    color:rgb(63, 129, 45)  
}
```

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(63, 129, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 129, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 41.1664, -27.0598, 21.3172 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(63, 129, 45) }
```


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

```
.border{ border-color:rgb(63, 129, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 129, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 129, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 129, 45);  
box-shadow:4px 4px 4px 4px rgb(63, 129,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.1664, -27.0598, 21.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 129, 45) }
```

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

```
.background{ background-color: rgb(63, 129,  
45) }
```

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