

Converting Colors

HunterLab(40.2189, -30.2233,
21.4822)

Have a look what the booklet for
HunterLab(40.2189, -30.2233,
21.4822) contains.

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Color

**HunterLab(40.0702,
-30.0316, 21.3252)**

Conversions

Conversions Part 1

Format	Color
Hex	298027
RGB	41, 128, 39
RGB Percent	16%, 50%, 15%
CMY	0.8392, 0.4980, 0.8470
CMYK	0.68, 0.00, 0.70, 0.50
HSL	119°, 53%, 33%
HSV	119°, 70%, 50%
XYZ	8.9998, 16.0562, 4.5443
YIQ	91.8410, -23.2830, -46.1230

Conversions

Conversions Part 2

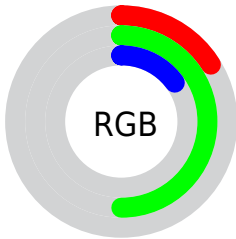
Format	Color
R_{YB}	39, 128, 126
Decimal	2719783
CIE _{Lab}	47.05, -43.86, 39.33
CIE _{LCh}	47, 58.914, 138.121
Yxy	16.0569, 0.3040, 0.5424
Android (android.graphics.Color)	4280909863 (0xFF298027)
YUV	91.8410, -26.0506, -44.5876
Hunter-Lab	40.0702, -30.0316, 21.3252

Details

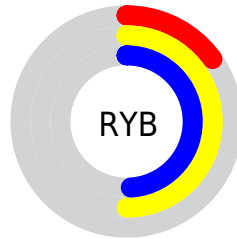
The HunterLab color $40.0702, -30.0316, 21.3252$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $27.2870, 38.7731, -26.8825$, and the grayscale version is $32.7557, -1.7478, 1.7797$.

A 20% lighter version of the original color is $60.6876, -36.5631, 27.5218$, and $23.0386, -19.7556, 13.8504$ is the 20% darker color. If you saturate the color by 10%, you get $39.7093, -31.7294, 22.4362$, and if you desaturate by 10%, it is $40.5660, -27.7353, 19.7966$.

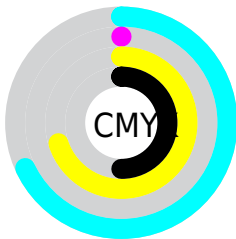
Distribution



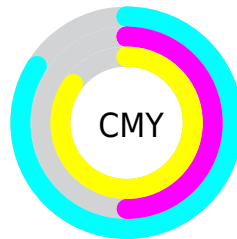
- Red (16%)
- Green (50%)
- Blue (15%)



- Red (15%)
- Yellow (50%)
- Blue (49%)



- Cyan (68%)
- Magenta (0%)
- Yellow (70%)
- Black (50%)



- Cyan (84%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0702, -30.0316, 21.3252 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 40.0702, -30.0316, 21.3252 by changing the saturation by 10% instead.

40.0702, -30.0316,
21.3252

40.0702, -30.0316,
21.3252

151.5510,
-56.0494, 45.7988

30.9264, -26.4258,
17.9510

60.5780, -36.5767,
27.4812

22.6078, -22.4856,
14.4857

71.8424, -39.6146,
30.3414

15.2073, -18.1247,
10.6451

83.7296, -42.5386,
33.0936

8.8339, -15.4593,
6.1837

96.2085, -45.3702,
35.7578

0.0000, NaN, NaN

0.0000, NaN, NaN

109.2522,
-48.1257, 38.3493

0.0000, NaN, NaN

122.8374,

0.0000, NaN, NaN

-50.8176, 40.8804

0.0000, NaN, NaN

136.9432,
-53.4562, 43.3609

■ 40.0702, -30.0316,
21.3252

■ 40.0702, -30.0316,
21.3252

■ 39.7093, -31.7294,
22.4362

■ 40.5660, -27.7353,
19.7966

■ 39.4702, -32.8576,
23.1535

■ 41.2010, -24.8320,
17.8428

■ 39.3225, -33.5611,
23.6167

■ 41.9798, -21.3366,
15.4721

■ 39.3160, -33.5923,
23.6383

■ 42.9039, -17.2798,
12.7045

■ 43.9720, -12.7054,
9.5695

■ 45.1815, -7.6649,
6.1022

■ 46.5281, -2.2143,
2.3415

■ 48.0062, 3.5900,
-1.6737

■ 49.6099, 9.6937,
-5.9052

Harmonies

Analogous

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



40.0710, -14.9852, 25.1001



40.0702, -30.0316, 21.3252



40.0710, -36.8775, 9.9092

Triad

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



40.0710, -30.0322, 21.3254



40.0710, -10.8417, -64.6654



40.0710, 49.1333, 13.1813

Complementary

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



40.0702, -30.0316, 21.3252



27.2870, 38.7731, -26.8825

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.



40.0710, 50.9547, -7.4787



40.0702, -30.0316, 21.3252



40.0710, 12.5591, -61.9173

Square

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



40.0710, -30.0322, 21.3254



40.0710, -27.5905, -43.4704



40.0710, 36.3787, -37.2797



40.0710, 31.8530, 22.5599

Rectangle

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



40.0702, -30.0316, 21.3252



40.0710, -37.1892, -4.2265



40.0710, 36.3787, -37.2797



40.0710, 51.6961, 7.6791

Sweetspot

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



40.0710, -30.0322, 21.3254



58.0535, -18.0950, 13.5462



44.0592, -9.8233, 24.3938



27.9289, -9.4431, 7.0261



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.



40.0710, -30.0322, 21.3254



52.4993, -42.9960, 30.3438



40.5678, -26.8871, 13.2827



21.9613, -3.6100, 2.8859



39.1493, -33.4493, 23.5380

0.0000, NaN, NaN

Inverse Universe

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



27.2870, 38.7731, -26.8825



33.6659, 59.3999, -41.5389



25.9231, 32.6277, -3.8188



20.9944, 1.4258, -0.6315



24.2451, 47.8942, -33.7420

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.0702, -30.0316, 21.3252 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 40.0702, -30.0316, 21.3252 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 40.0702, -30.0316, 21.3252 Background



This preview shows how black text looks on a background with the HunterLab color 40.0702, -30.0316, 21.3252.



This preview shows how white text looks on a background with the HunterLab color 40.0702,

-30.0316, 21.3252.

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

40.0702, -30.0316, 21.3252

Protanopia

39.7181, -5.2402, 22.0087

Deuteranopia

39.6379, 2.8925, 20.4527



Tritanopia

40.1347, -13.3372, -6.1841

Trichromacy



Original Color

40.0702, -30.0316, 21.3252

Protanomaly

39.0252, -16.6273, 21.2203

Deuteranomaly

38.5690, -12.1752, 19.8898

Tritanomaly

39.8136, -21.1402, 7.6830

Monochromacy



Original Color

40.0702, -30.0316, 21.3252

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.6420, -14.2396, 10.3087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0702, -30.0316, 21.3252 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(41, 128, 39)` looks like.

```
.text, #text, p{  
    color:rgb(41, 128, 39)  
}
```

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(41, 128, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 128, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0702, -30.0316, 21.3252 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(41, 128, 39) }
```


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

```
.border{ border-color:rgb(41, 128, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 128, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 128, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 128, 39);  
box-shadow:4px 4px 4px 4px rgb(41, 128,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0702, -30.0316, 21.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 128, 39) }
```

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

```
.background{ background-color: rgb(41, 128,  
39) }
```

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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