

Converting Colors

HunterLab(40.7540, -28.6530,
20.2207)

Have a look what the booklet for
HunterLab(40.7540, -28.6530,
20.2207) contains.

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Color

**HunterLab(40.7540,
-28.6530, 20.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	328132
RGB	50, 129, 50
RGB Percent	20%, 51%, 20%
CMY	0.8039, 0.4941, 0.8039
CMYK	0.61, 0.00, 0.61, 0.49
HSL	120°, 44%, 35%
HSV	120°, 61%, 51%
XYZ	9.7413, 16.6089, 5.7100
YIQ	96.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

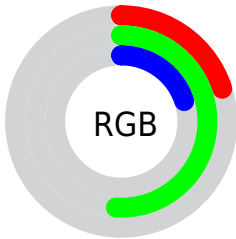
Format	Color
RYB	50, 129, 129
Decimal	3309874
CIELab	47.76, -40.85, 35.08
CIELCh	48, 53.845, 139.351
Yxy	16.6096, 0.3038, 0.5181
Android (android.graphics.Color)	4281499954 (0xFF328132)
YUV	96.3730, -22.8619, -40.6691
Hunter-Lab	40.7540, -28.6530, 20.2207

Details

The HunterLab color $[40.7540, -28.6530, 20.2207]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[29.2122, 35.3827, -23.5335]$, and the grayscale version is $[34.4293, -1.8371, 1.8706]$.

A 20% lighter version of the original color is $[61.4582, -34.9086, 25.8712]$, and $[23.6473, -20.2776, 14.2164]$ is the 20% darker color. If you saturate the color by 10%, you get $[40.2871, -30.8360, 21.6966]$, and if you desaturate by 10%, it is $[41.3672, -25.8396, 18.3183]$.

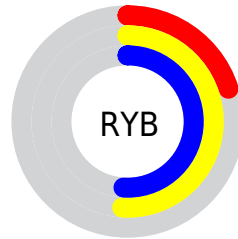
Distribution



Red (20%)

Green (51%)

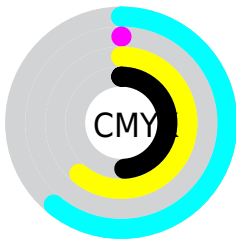
Blue (20%)



Red (20%)

Yellow (51%)

Blue (51%)

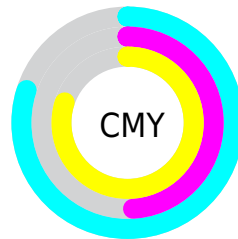


Cyan (61%)

Magenta (0%)

Yellow (61%)

Black (49%)



Cyan (80%)

Magenta (49%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7540, -28.6530, 20.2207 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 40.7540, -28.6530, 20.2207 by changing the saturation by 10% instead.

■ 40.7540, -28.6530,
20.2207

■ 40.7540, -28.6530,
20.2207

152.6147,
-53.1404, 42.4671

■ 31.5540, -25.2996,
17.1951

■ 61.3623, -34.7686,
25.7606

■ 23.1736, -21.6488,
13.9330

■ 72.6724, -37.6184,
28.3465

■ 15.7036, -17.5664,
10.9925

■ 84.6028, -40.3676,
30.8429

■ 9.2712, -16.2246,
6.4899

■ 97.1230, -43.0355,
33.2668

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.2062,
-45.6364, 35.6318

0.0000, NaN, NaN

■ 123.8293,

0.0000, NaN, NaN

-48.1818, 37.9481

0.0000, NaN, NaN

137.9716,
-50.6807, 40.2243

■ 40.7540, -28.6530,
20.2207

■ 40.7540, -28.6530,
20.2207

■ 40.2871, -30.8360,
21.6966

■ 41.3672, -25.8396,
18.3183

■ 39.9557, -32.4004,
22.7545

■ 42.1290, -22.4037,
15.9955

■ 39.7483, -33.3874,
23.4221

■ 43.0424, -18.3749,
13.2723

■ 39.6247, -33.9781,
23.8216

■ 44.1068, -13.7967,
10.1782

■ 45.3196, -8.7227,
6.7495

■ 46.6764, -3.2115,
3.0263

■ 48.1718, 2.6769,
-0.9509

■ 49.7993, 8.8843,
-5.1427

■ 51.5520, 15.3568,
-9.5125

Harmonies

Analogous

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



40.7549, -14.7873, 24.4338



40.7540, -28.6530, 20.2207



40.7549, -34.9189, 8.7349

Triad

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



40.7549, -28.6536, 20.2209



40.7549, -9.4176, -56.9949



40.7549, 43.6894, 13.0616

Complementary

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



40.7540, -28.6530, 20.2207



29.2122, 35.3827, -23.5335

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.



40.7549, 45.9445, -5.5912



40.7540, -28.6530, 20.2207



40.7549, 12.1820, -53.7065

Square

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



40.7549, -28.6536, 20.2209



40.7549, -25.4145, -39.3612



40.7549, 33.4661, -31.8530



40.7549, 27.8178, 21.9996

Rectangle

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



40.7540, -28.6530, 20.2207



40.7549, -35.0230, -4.5761



40.7549, 33.4661, -31.8530



40.7549, 46.1719, 8.0131

Sweetspot

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



40.7549, -28.6536, 20.2209



59.4602, -16.6120, 12.3697



45.3859, -10.6777, 23.8375



28.1047, -8.6807, 6.4103



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.



40.7549, -28.6536, 20.2209



53.7373, -42.0820, 29.5871



41.3630, -24.9573, 11.3446



21.9516, -3.6446, 2.8746



39.1257, -33.5502, 23.5216

0.0000, NaN, NaN

Inverse Universe

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



29.2122, 35.3827, -23.5335



36.2031, 56.2751, -37.6143



27.7097, 28.9291, -2.8785



21.0058, 1.4639, -0.6164



24.6897, 48.5404, -32.5620

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7540, -28.6530, 20.2207 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 40.7540, -28.6530, 20.2207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

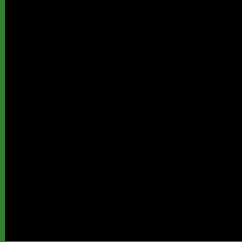
Any Text WCAG AA × Fail

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 40.7540, -28.6530, 20.2207 Background



This preview shows how black text looks on a background with the HunterLab color 40.7540, -28.6530, 20.2207.



This preview shows how white text looks on a background with the HunterLab color 40.7540,

-28.6530, 20.2207.

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

40.7540, -28.6530, 20.2207

Protanopia

40.5405, -4.9759, 21.2630

Deuteranopia

40.3607, 2.8680, 19.4242



Tritanopia

40.7622, -12.3920, -6.3323

Trichromacy



Original Color

40.7540, -28.6530, 20.2207

Protanomaly

39.9944, -15.7771, 20.3814

Deuteranomaly

39.5646, -11.2189, 18.9531

Tritanomaly

40.5356, -19.6105, 6.2483

Monochromacy



Original Color

40.7540, -28.6530, 20.2207

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.9888, -13.3899, 9.7552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7540, -28.6530, 20.2207 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(50, 129, 50)` looks like.

```
.text, #text, p{  
    color:rgb(50, 129, 50)  
}
```

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(50, 129, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 129, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7540, -28.6530, 20.2207 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(50, 129, 50) }
```


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

```
.border{ border-color:rgb(50, 129, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 129, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 129, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 129, 50);  
box-shadow:4px 4px 4px 4px rgb(50, 129,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7540, -28.6530, 20.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 129, 50) }
```

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

```
.background{ background-color: rgb(50, 129,  
50) }
```

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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