

Converting Colors

HunterLab(40.0875, -27.8710,
20.2954)

Have a look what the booklet for
HunterLab(40.0875, -27.8710,
20.2954) contains.

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Color

**HunterLab(40.1423,
-27.9227, 20.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	347F2F
RGB	52, 127, 47
RGB Percent	20%, 50%, 18%
CMY	0.7961, 0.5020, 0.8157
CMYK	0.59, 0.00, 0.63, 0.50
HSL	116°, 46%, 34%
HSV	116°, 63%, 50%
XYZ	9.5186, 16.1140, 5.2980
YIQ	95.4550, -19.0200, -40.7800

Conversions

Conversions Part 2

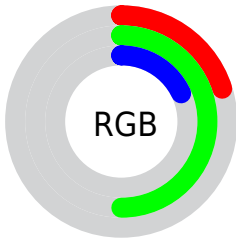
Format	Color
R_{YB}	47, 127, 122
Decimal	3440431
CIE Lab	47.12, -39.89, 35.82
CIE LCh	47, 53.614, 138.080
Yxy	16.1147, 0.3077, 0.5210
Android (android.graphics.Color)	4281630511 (0xFF347F2F)
YUV	95.4550, -23.8883, -38.1100
Hunter-Lab	40.1423, -27.9227, 20.2745

Details

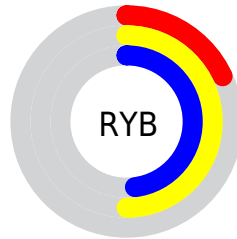
The HunterLab color $40.1423, -27.9227, 20.2745$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $27.7553, 34.2256, -25.1914$, and the grayscale version is $34.0898, -1.8189, 1.8522$.

A 20% lighter version of the original color is $60.7918, -34.2154, 26.0677$, and $23.0386, -19.7556, 13.8504$ is the 20% darker color. If you saturate the color by 10%, you get $39.6858, -30.0423, 21.6330$, and if you desaturate by 10%, it is $40.7301, -25.2359, 18.4927$.

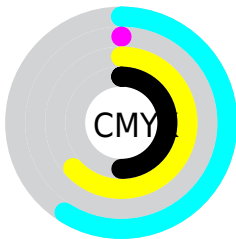
Distribution



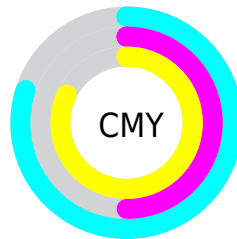
- Red (20%)
- Green (50%)
- Blue (18%)



- Red (18%)
- Yellow (50%)
- Blue (48%)



- Cyan (59%)
- Magenta (0%)
- Yellow (63%)
- Black (50%)



- Cyan (80%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1423, -27.9227, 20.2745 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 40.1423, -27.9227, 20.2745 by changing the saturation by 10% instead.

40.1423, -27.9227,
20.2745

40.1423, -27.9227,
20.2745

151.6633,
-51.9944, 42.9440

30.9925, -24.6273,
17.1770

60.6607, -33.9309,
25.9366

22.6674, -21.0373,
13.8651

71.9300, -36.7310,
28.5754

15.2595, -17.0179,
10.6816

83.8217, -39.4327,
31.1203

8.8811, -15.5419,
6.2168

96.3050, -42.0550,
33.5893

0.0000, NaN, NaN

0.0000, NaN, NaN

109.3529,
-44.6123, 35.9964

0.0000, NaN, NaN

122.9421,

0.0000, NaN, NaN

-47.1156, 38.3523

0.0000, NaN, NaN

137.0518,
-49.5740, 40.6658

■ 40.1423, -27.9227,
20.2745

■ 40.1423, -27.9227,
20.2745

■ 39.6858, -30.0423,
21.6330

■ 40.7301, -25.2359,
18.4927

■ 39.3514, -31.6025,
22.5813

■ 41.4505, -21.9892,
16.2882

■ 39.1300, -32.6362,
23.1530

■ 42.3061, -18.2080,
13.6753

■ 39.0264, -33.1280,
23.4679

■ 43.2963, -13.9293,
10.6778

■ 44.4190, -9.1981,
7.3266

■ 45.6707, -4.0642,
3.6569

■ 47.0469, 1.4211,
-0.2942

■ 48.5421, 7.2077,
-4.4900

■ 50.1507, 13.2482,
-8.8953

Harmonies

Analogous

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



40.1431, -13.8903, 24.2045



40.1423, -27.9227, 20.2745



40.1431, -34.4295, 9.3177

Triad

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



40.1431, -27.9233, 20.2747



40.1431, -10.1256, -56.2505



40.1431, 43.7445, 12.3464

Complementary

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



40.1423, -27.9227, 20.2745



27.7553, 34.2256, -25.1914

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.



40.1431, 45.3305, -6.5571



40.1423, -27.9227, 20.2745



40.1431, 11.1303, -53.9324

Square

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



40.1431, -27.9233, 20.2747



40.1431, -25.6559, -38.0336



40.1431, 32.4195, -32.7460



40.1431, 28.4494, 21.5130

Rectangle

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



40.1423, -27.9227, 20.2745



40.1431, -34.7338, -3.5795



40.1431, 32.4195, -32.7460



40.1431, 45.9982, 7.2042

Sweetspot

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



40.1431, -27.9233, 20.2747



58.4492, -16.4653, 12.7536



43.0760, -8.3155, 22.6957



28.1099, -8.6961, 6.6861



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.



40.1431, -27.9233, 20.2747



52.8708, -41.2991, 29.6265



40.4821, -25.5483, 12.9026



21.9786, -3.5479, 2.9060



39.1913, -33.2695, 23.5671

0.0000, NaN, NaN

Inverse Universe

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



27.7553, 34.2256, -25.1914



33.9173, 54.7872, -40.9955



27.0630, 29.9145, -5.1517



20.9742, 1.3580, -0.6582



23.4634, 46.7679, -35.8932

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.1423, -27.9227, 20.2745 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 40.1423, -27.9227, 20.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

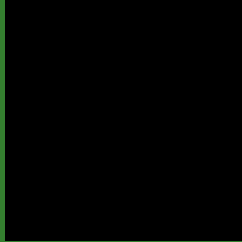
Any Text WCAG AA × Fail

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 40.1423, -27.9227, 20.2745 Background



This preview shows how black text looks on a background with the HunterLab color 40.1423, -27.9227, 20.2745.



This preview shows how white text looks on a background with the HunterLab color 40.1423,

-27.9227, 20.2745.

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

40.1423, -27.9227, 20.2745

Protanopia

39.7758, -4.9202, 21.1584

Deuteranopia

39.8541, 2.4236, 19.5896



Tritanopia

40.1475, -11.7572, -6.1387

Trichromacy



Original Color

40.1423, -27.9227, 20.2745

Protanomaly

39.3714, -15.1619, 20.4067

Deuteranomaly

39.1635, -11.2959, 19.1931

Tritanomaly

39.8872, -19.1174, 6.6971

Monochromacy



Original Color

40.1423, -27.9227, 20.2745

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.6759, -13.1131, 9.7752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1423, -27.9227, 20.2745 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(52, 127, 47)` looks like.

```
.text, #text, p{  
    color:rgb(52, 127, 47)  
}
```

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(52, 127, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 127, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1423, -27.9227, 20.2745 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(52, 127, 47) }
```


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

```
.border{ border-color:rgb(52, 127, 47) }
```

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

Here you see how a box with a 4 pixel rgb(52, 127, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 127, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 127, 47);  
box-shadow:4px 4px 4px 4px rgb(52, 127,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1423, -27.9227, 20.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 127, 47) }
```

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

```
.background{ background-color: rgb(52, 127,  
47) }
```

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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