

Converting Colors

HunterLab(40.2639, -24.4471,
22.6707)

Have a look what the booklet for
HunterLab(40.2639, -24.4471,
22.6707) contains.

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Color

**HunterLab(40.2639,
-24.4471, 22.6707)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7D1D
RGB	74, 125, 29
RGB Percent	29%, 49%, 11%
CMY	0.7098, 0.5098, 0.8863
CMYK	0.41, 0.00, 0.77, 0.51
HSL	92°, 62%, 30%
HSV	92°, 77%, 49%
XYZ	10.3795, 16.2118, 3.7446
YIQ	98.8070, 0.4200, -40.6680

Conversions

Conversions Part 2

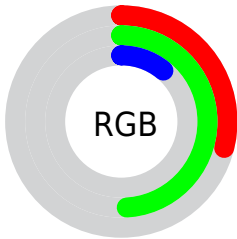
Format	Color
R_{YB}	29, 125, 80
Decimal	4881693
CIE _{Lab}	47.25, -33.64, 44.01
CIE _{LCh}	47, 55.400, 127.394
Yxy	16.2125, 0.3421, 0.5344
Android (android.graphics.Color)	4283071773 (0xFF4A7D1D)
YUV	98.8070, -34.4149, -21.7557
Hunter-Lab	40.2639, -24.4471, 22.6707

Details

The HunterLab color $[40.2639, -24.4471, 22.6707]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[20.1630, 30.6702, -44.0938]$, and the grayscale version is $[35.3764, -1.8876, 1.9221]$.

A 20% lighter version of the original color is $[60.7717, -29.6280, 29.5242]$, and $[22.7615, -17.8388, 13.7133]$ is the 20% darker color. If you saturate the color by 10%, you get $[39.8910, -26.0882, 23.3656]$, and if you desaturate by 10%, it is $[40.7003, -22.5187, 21.5614]$.

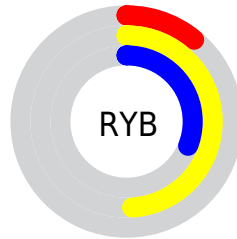
Distribution



Red (29%)

Green (49%)

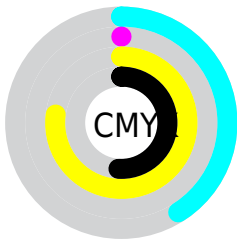
Blue (11%)



Red (11%)

Yellow (49%)

Blue (31%)

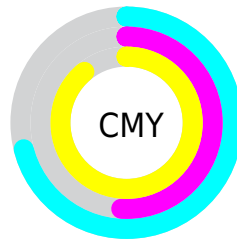


Cyan (41%)

Magenta (0%)

Yellow (77%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2639, -24.4471, 22.6707 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 40.2639, -24.4471, 22.6707 by changing the saturation by 10% instead.

40.2639, -24.4471,
22.6707

40.2639, -24.4471,
22.6707

151.8527,
-45.5048, 49.5471

31.1041, -21.6310,
18.9394

60.8003, -29.6260,
29.4764

22.7679, -18.5819,
15.3963

72.0777, -32.0582,
32.6307

15.3476, -15.1888,
10.7433

83.9772, -34.4158,
35.6594

8.9602, -15.6803,
6.2721

96.4678, -36.7138,
38.5845

0.0000, NaN, NaN

0.0000, NaN, NaN

109.5228,
-38.9637, 41.4233

0.0000, NaN, NaN

123.1187,

0.0000, NaN, NaN

-41.1744, 44.1895

0.0000, NaN, NaN

137.2349,
-43.3529, 46.8944

40.2639, -24.4471,
22.6707

40.2639, -24.4471,
22.6707

39.8910, -26.0882,
23.3656

40.7003, -22.5187,
21.5614

39.5726, -27.4692,
23.7313

41.1997, -20.2959,
20.0084

39.4782, -27.8807,
23.8382

41.7647, -17.7810,
17.9955

42.3960, -14.9805,
15.5157

43.0937, -11.9048,
12.5703

■ 43.8574, -8.5674,
9.1674

■ 44.6865, -4.9839,
5.3202

■ 45.5797, -1.1714,
1.0464

■ 46.5357, 2.8519,
-3.6333

Harmonies

Analogous

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



40.2648, -7.3710, 25.0091



40.2639, -24.4471, 22.6707



40.2648, -33.8338, 14.6390

Triad

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



40.2648, -24.4479, 22.6709



40.2648, -16.9399, -54.2103



40.2648, 48.0269, 6.9639

Complementary

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



40.2639, -24.4471, 22.6707



20.1630, 30.6702, -44.0938

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.



40.2648, 43.9558, -16.2022



40.2639, -24.4471, 22.6707



40.2648, 3.3502, -60.2066

Square

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



40.2648, -24.4479, 22.6709



40.2648, -30.1814, -30.0509



40.2648, 26.3884, -43.6913



40.2648, 36.5623, 19.5906

Rectangle

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



40.2639, -24.4471, 22.6707



40.2648, -35.8777, 3.9514



40.2648, 26.3884, -43.6913



40.2648, 48.4653, 0.3489

Sweetspot

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



40.2648, -24.4479, 22.6709



57.9878, -14.5206, 15.4117



31.5972, 9.3724, 17.4525



27.5132, -7.5521, 7.9773



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.2648, -24.4479, 22.6709



53.0597, -36.2996, 31.6320



38.7635, -30.6154, 21.4087



22.1581, -2.9067, 3.1135



40.3255, -28.5040, 24.3494

0.0000, NaN, NaN

Inverse Universe

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



20.1630, 30.6702, -44.0938



22.9322, 47.5922, -74.8656



25.8443, 41.0911, -26.6487



20.7734, 0.6801, -0.9253



16.6282, 37.7697, -61.2964

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.2639, -24.4471, 22.6707 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 40.2639, -24.4471, 22.6707 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 40.2639, -24.4471, 22.6707 Background



This preview shows how black text looks on a background with the HunterLab color 40.2639, -24.4471, 22.6707.



This preview shows how white text looks on a background with the HunterLab color 40.2639, -24.4471, 22.6707.

-24.4471, 22.6707.

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

40.2639, -24.4471, 22.6707

Protanopia

40.0286, -5.6662, 23.1187

Deuteranopia

40.0214, 2.6767, 22.1149



Tritanopia

40.0897, -7.6624, -4.6232

Trichromacy



Original Color

40.2639, -24.4471, 22.6707

Protanomaly

39.8320, -13.6761, 22.7614

Deuteranomaly

39.5459, -8.7377, 21.9460

Tritanomaly

39.7341, -15.3908, 9.4457

Monochromacy



Original Color

40.2639, -24.4471, 22.6707

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.5967, -11.2940, 11.8571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2639, -24.4471, 22.6707 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(74, 125, 29)` looks like.

```
.text, #text, p{  
  color:rgb(74, 125, 29)  
}
```

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(74, 125, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 125, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2639, -24.4471, 22.6707 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(74, 125, 29) }
```


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

```
.border{ border-color:rgb(74, 125, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 125, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 125, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 125, 29);  
box-shadow:4px 4px 4px 4px rgb(74, 125,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2639, -24.4471, 22.6707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 125, 29) }
```

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

```
.background{ background-color: rgb(74, 125,  
29) }
```

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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