

Converting Colors

HunterLab(24.3040, 28.3270,
-54.9186)

Have a look what the booklet for
HunterLab(24.3040, 28.3270,
-54.9186) contains.

HunterLab(24.2769, 28.2666, -55.0145)	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(24.2769, 28.2666,
-55.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3096
RGB	77, 48, 150
RGB Percent	30%, 19%, 59%
CMY	0.6980, 0.8118, 0.4118
CMYK	0.49, 0.68, 0.00, 0.41
HSL	257°, 52%, 39%
HSV	257°, 68%, 59%
XYZ	9.6225, 5.8937, 29.4846
YIQ	68.2990, -15.4580, 37.8700

Conversions

Conversions Part 2

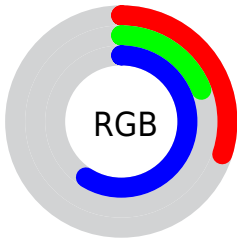
Format	Color
R_{YB}	77, 48, 150
Decimal	5058710
CIE Lab	29.14, 38.45, -51.56
CIE LCh	29, 64.321, 306.717
Yxy	5.8939, 0.2138, 0.1310
Android (android.graphics.Color)	4283248790 (0xFF4D3096)
YUV	68.2990, 40.2786, 7.6308
Hunter-Lab	24.2769, 28.2666, -55.0145

Details

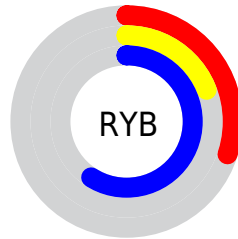
The HunterLab color **24.2769, 28.2666, -55.0145** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **51.0793, -21.8573, 27.8463**, and the grayscale version is **24.0150, -1.2814, 1.3048**.

A 20% lighter version of the original color is **42.0465, 31.3542, -54.9866**, and **10.0927, 24.9156, -61.2269** is the 20% darker color. If you saturate the color by 10%, you get **21.1124, 33.3443, -67.4384**, and if you desaturate by 10%, it is **27.9625, 23.0868, -43.5463**.

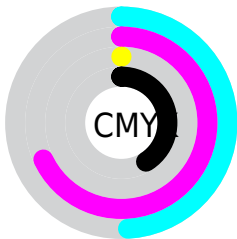
Distribution



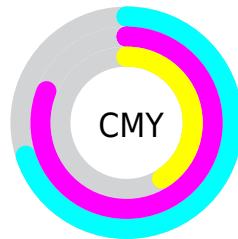
- Red (30%)
- Green (19%)
- Blue (59%)



- Red (30%)
- Yellow (19%)
- Blue (59%)



- Cyan (49%)
- Magenta (68%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (81%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2769, 28.2666, -55.0145 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 24.2769, 28.2666, -55.0145 by changing the saturation by 10% instead.

■ 24.2769, 28.2666,
-55.0145

■ 24.2769, 28.2666,
-55.0145

■ 125.7488, 38.3861,
-59.8498

■ 16.6753, 26.5880,
-56.5909

■ 42.0838, 31.2879,
-54.9284

■ 10.0911, 24.9171,
-61.3026

■ 52.1370, 32.6099,
-55.4600

0.0000, INF, -NF

■ 62.8835, 33.8150,
-56.1344

0.0000, NaN, -NF

■ 74.2812, 34.9124,
-56.8749

0.0000, NaN, -NF

■ 86.2947, 35.9108,
-57.6378

0.0000, NaN, NaN

■ 98.8940, 36.8181,

0.0000, NaN, NaN

0.0000, NaN, NaN

-58.3974

0.0000, NaN, NaN

112.0529, 37.6411,
-59.1380

■ 24.2769, 28.2666,
-55.0145

■ 24.2769, 28.2666,
-55.0145

■ 21.1124, 33.3443,
-67.4384

■ 27.9625, 23.0868,
-43.5463

■ 18.6065, 37.7229,
-79.8193

■ 32.0529, 18.0722,
-33.3060

■ 16.7943, 40.8753,
-90.8021

■ 36.4626, 13.3019,
-24.2176

■ 16.4563, 41.5625,
-93.0903

■ 41.1293, 8.7707,
-16.0977

■ 46.0083, 4.4450,
-8.7560

■ 51.0667, 0.2854,
-2.0287

■ 56.2799, -3.7437,
4.2163

■ 61.6292, -7.6722,
10.0822

■ 67.0999, -11.5244,
15.6490

Harmonies

Analogous

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



24.2773, 3.6677, -77.6019



24.2769, 28.2666, -55.0145



24.2773, 48.7678, -19.6004

Triad

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



24.2773, 28.2672, -55.0136



24.2773, 17.0501, 16.9941



24.2773, -30.0021, -3.6765

Complementary

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



24.2769, 28.2666, -55.0145



51.0793, -21.8573, 27.8463

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.



24.2773, -28.5767, 12.2094



24.2769, 28.2666, -55.0145



24.2773, -5.8917, 16.9941

Square

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



24.2773, 28.2672, -55.0136



24.2773, 40.8873, 14.9807



24.2773, -21.2085, 16.9941



24.2773, -26.1290, -35.2758

Rectangle

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



24.2769, 28.2666, -55.0145



24.2773, 54.4198, -1.0109



24.2773, -21.2085, 16.9941



24.2773, -30.0981, 3.4432

Sweetspot

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



24.2773, 28.2672, -55.0136



59.5447, 7.2587, -13.8853



40.6565, -11.5551, -17.2285



27.2544, 4.0979, -7.6836



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



24.2773, 28.2672, -55.0136



26.0573, 47.7483, -98.9722



29.8285, 40.2506, -38.2686



23.8916, 0.3663, -1.3272



15.0354, 37.8949, -84.4403



2.0265, 4.5735, -7.2406

Inverse Universe

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



31.5886, 41.2675, -13.7636



38.4652, 63.4960, -18.7650



48.3032, -32.8950, 25.7559



24.2515, 1.4697, 0.0444



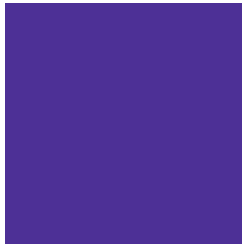
25.0398, 46.4444, -11.4397



2.8604, 5.4577, -2.4869

Previews

White Background



This preview shows how the HunterLab color 24.2769, 28.2666, -55.0145 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 24.2769, 28.2666, -55.0145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

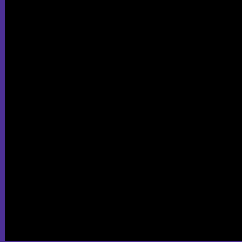
Any Text WCAG AA × Fail

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 24.2769, 28.2666, -55.0145 Background



This preview shows how black text looks on a background with the HunterLab color 24.2769, 28.2666, -55.0145.



This preview shows how white text looks on a background with the HunterLab color 24.2769, 28.2666, -55.0145.

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

24.2769, 28.2666, -55.0145

Protanopia

24.3668, 7.2808, -46.1736

Deuteranopia

24.3138, -0.2174, -29.9208



Tritanopia

24.3149, -3.7887, -2.2042

Trichromacy



Original Color

24.2769, 28.2666, -55.0145

Protanomaly

23.4355, 13.2855, -52.0801

Deuteranomaly

23.3834, 8.0965, -40.8003

Tritanomaly

23.7581, 6.4369, -17.9314

Monochromacy



Original Color

24.2769, 28.2666, -55.0145

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.5774, 7.7371, -14.3943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2769, 28.2666, -55.0145 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(77, 48, 150)` looks like.

```
.text, #text, p{  
    color:rgb(77, 48, 150)  
}
```

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(77, 48, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 48, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2769, 28.2666, -55.0145 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(77, 48, 150) }
```


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

```
.border{ border-color:rgb(77, 48, 150) }
```

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

Here you see how a box with a 4 pixel rgb(77, 48, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 48, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 48, 150);  
box-shadow:4px 4px 4px 4px rgb(77, 48,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.2769, 28.2666, -55.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 48, 150) }
```

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

```
.background{ background-color: rgb(77, 48,  
150) }
```

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