

Converting Colors

HunterLab(24.4241, 21.2270,
-40.2211)

Have a look what the booklet for
HunterLab(24.4241, 21.2270,
-40.2211) contains.

HunterLab(24.4241, 21.2270, -40.2211)	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>	30

Color

**HunterLab(24.4241, 21.2270,
-40.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3687
RGB	77, 54, 135
RGB Percent	30%, 21%, 53%
CMY	0.6980, 0.7882, 0.4706
CMYK	0.43, 0.60, 0.00, 0.47
HSL	257°, 43%, 37%
HSV	257°, 60%, 53%
XYZ	8.7529, 5.9654, 23.6117
YIQ	70.1110, -12.2930, 30.0670

Conversions

Conversions Part 2

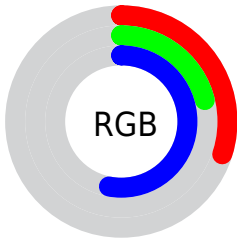
Format	Color
R_{YB}	77, 54, 135
Decimal	5060231
CIE Lab	29.33, 30.43, -42.01
CIE LCh	29, 51.871, 305.913
Yxy	5.9656, 0.2284, 0.1556
Android (android.graphics.Color)	4283250311 (0xFF4D3687)
YUV	70.1110, 31.9903, 6.0417
Hunter-Lab	24.4241, 21.2270, -40.2211

Details

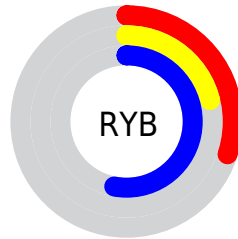
The HunterLab color $[24.4241, 21.2270, -40.2211]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[45.8683, -17.9584, 23.4381]$, and the grayscale version is $[24.6812, -1.3169, 1.3410]$.

A 20% lighter version of the original color is $[42.3352, 23.4907, -40.9273]$, and $[10.1948, 18.2648, -42.1777]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.2274, 25.8080, -50.4903]$, and if you desaturate by 10%, it is $[27.9888, 16.7714, -31.0161]$.

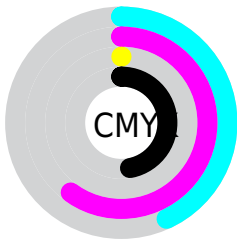
Distribution



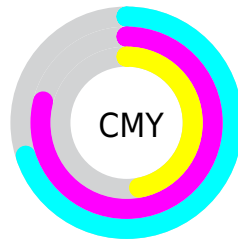
- Red (30%)
- Green (21%)
- Blue (53%)



- Red (30%)
- Yellow (21%)
- Blue (53%)



- Cyan (43%)
- Magenta (60%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (79%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4241, 21.2270, -40.2211 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 24.4241, 21.2270, -40.2211 by changing the saturation by 10% instead.

■ 24.4241, 21.2270,
-40.2211

■ 24.4241, 21.2270,
-40.2211

■ 126.0034, 28.4977,
-45.4674

■ 16.8052, 19.8367,
-40.5804

■ 42.2607, 23.5870,
-41.0312

■ 10.2011, 18.3350,
-42.6069

■ 52.3269, 24.5750,
-41.6817

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.0857, 25.4516,
-42.3685

0.0000, NaN, -NF

■ 74.4948, 26.2280,
-43.0530

0.0000, NaN, NaN

■ 86.5193, 26.9134,
-43.7143

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.1290, 27.5158,

-44.3409

0.0000, NaN, NaN

112.2979, 28.0420,
-44.9263

■ 24.4241, 21.2270,
-40.2211

■ 24.4241, 21.2270,
-40.2211

■ 21.2274, 25.8080,
-50.4903

■ 27.9888, 16.7714,
-31.0161

■ 18.5009, 30.2487,
-61.5277

■ 31.8422, 12.5257,
-22.8398

■ 16.3663, 33.9919,
-72.3587

■ 35.9282, 8.4927,
-15.5389

■ 14.7234, 37.0946,
-82.5821

■ 40.2056, 4.6453,
-8.9462

■ 14.7233, 37.0948,
-82.5827

■ 44.6445, 0.9495,
-2.9149

■ 49.2224, -2.6266,
2.6746

■ 53.9223, -6.1098,
7.9162

■ 58.7308, -9.5223,
12.8830

■ 63.6374, -12.8814,
17.6317

Harmonies

Analogous

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



24.4245, 2.1897, -55.0591



24.4241, 21.2270, -40.2211



24.4245, 36.7217, -15.2694

Triad

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



24.4245, 21.2272, -40.2202



24.4245, 13.6784, 16.5530



24.4245, -26.2282, -2.1314

Complementary

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



24.4241, 21.2270, -40.2211



45.8683, -17.9584, 23.4381

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.



24.4245, -24.7234, 10.9858



24.4241, 21.2270, -40.2211



24.4245, -4.6128, 17.0972

Square

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



24.4245, 21.2272, -40.2202



24.4245, 31.5879, 13.5065



24.4245, -17.8062, 15.6461



24.4245, -22.7003, -25.1882

Rectangle

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



24.4241, 21.2270, -40.2211



24.4245, 41.1064, -1.0157



24.4245, -17.8062, 15.6461



24.4245, -26.2778, 3.4630

Sweetspot

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



24.4245, 21.2272, -40.2202



54.7381, 5.4145, -10.6377



37.5939, -10.2636, -13.1648



25.6151, 3.2317, -6.1633



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



24.4245, 21.2272, -40.2202



27.0076, 36.7347, -72.8286



28.6372, 31.4719, -29.2599



21.4566, 0.2989, -1.1442



14.1601, 35.6407, -79.1526



1.0130, 2.2864, -3.6218

Inverse Universe

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



29.9318, 32.5132, -11.3509



36.5184, 52.1056, -16.8520



43.5372, -27.1179, 21.5997



21.7736, 1.2713, 0.0609



23.5419, 43.6822, -10.8801



1.4303, 2.7291, -1.2444

Previews

White Background



This preview shows how the HunterLab color 24.4241, 21.2270, -40.2211 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 24.4241, 21.2270, -40.2211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

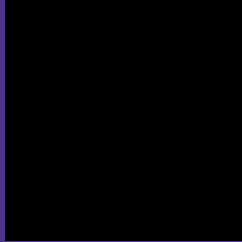
Any Text WCAG AA × Fail

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 24.4241, 21.2270, -40.2211 Background



This preview shows how black text looks on a background with the HunterLab color 24.4241, 21.2270, -40.2211.



This preview shows how white text looks on a background with the HunterLab color 24.4241, 21.2270, -40.2211.

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

24.4241, 21.2270, -40.2211

Protanopia

24.4281, 7.5946, -46.9276

Tritanopia

24.4108, -2.1752, -1.6034

Trichromacy



Original Color

24.4241, 21.2270, -40.2211

Protanomaly

23.5716, 10.7112, -46.7271

Tritanomaly

23.9975, 5.4231, -13.0594

Monochromacy



Original Color

24.4241, 21.2270, -40.2211

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.2722, 6.0711, -10.8048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4241, 21.2270, -40.2211 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, 54, 135)` looks like.

```
.text, #text, p{  
    color:rgb(77, 54, 135)  
}
```

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, 54, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 54, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4241, 21.2270, -40.2211 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, 54, 135) }
```

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

```
.border{ border-color:rgb(77, 54, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 54, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 54, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 54, 135);  
box-shadow:4px 4px 4px 4px rgb(77, 54,  
135) }
```


Background

The CSS property to change the background color of an element to HunterLab 24.4241, 21.2270, -40.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 54, 135) }
```

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

```
.background{ background-color: rgb(77, 54,  
135) }
```

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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