

Converting Colors

HunterLab(40.3001, 44.1670,
22.7947)

Have a look what the booklet for
HunterLab(40.3001, 44.1670,
22.7947) contains.

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Color

**HunterLab(40.2306, 44.3689,
22.7379)**

Conversions

Conversions Part 1

Format	Color
Hex	C74227
RGB	199, 66, 39
RGB Percent	78%, 26%, 15%
CMY	0.2196, 0.7411, 0.8471
CMYK	0.00, 0.67, 0.80, 0.22
HSL	10°, 67%, 47%
HSV	10°, 80%, 78%
XYZ	25.8676, 16.1850, 3.6801
YIQ	102.6890, 87.9350, 19.7990

Conversions

Conversions Part 2

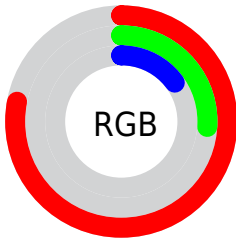
Format	Color
RYB	199, 71, 39
Decimal	13058599
CIELab	47.22, 51.54, 44.33
CIELCh	47, 67.978, 40.702
Yxy	16.1860, 0.5656, 0.3539
Android (android.graphics.Color)	4291248679 (0xFFC74227)
YUV	102.6890, -31.3987, 84.4647
Hunter-Lab	40.2306, 44.3689, 22.7379

Details

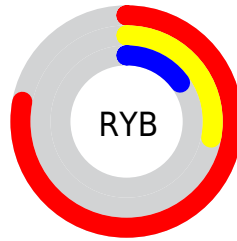
The HunterLab color **40.2306, 44.3689, 22.7379** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **58.3580, -22.9173, -19.3366**, and the grayscale version is **36.8039, -1.9638, 1.9996**.

A 20% lighter version of the original color is **59.4683, 44.9183, 28.6528**, and **23.0616, 39.4937, 14.9018** is the 20% darker color. If you saturate the color by 10%, you get **37.9807, 50.0377, 23.3107**, and if you desaturate by 10%, it is **43.0982, 38.0556, 21.5495**.

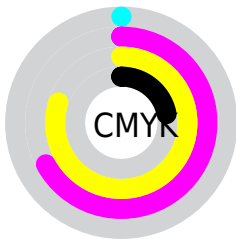
Distribution



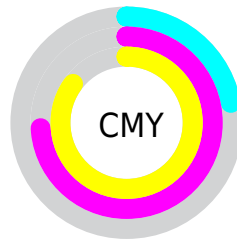
- Red (78%)
- Green (26%)
- Blue (15%)



- Red (78%)
- Yellow (28%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2306, 44.3689, 22.7379 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 40.2306, 44.3689, 22.7379 by changing the saturation by 10% instead.

■ 40.2306, 44.3689,
22.7379

■ 40.2306, 44.3689,
22.7379

151.8014, 57.0109,
49.7825

■ 31.0738, 42.4540,
18.9819

■ 60.7624, 47.8777,
29.5896

■ 22.7406, 40.4817,
15.4452

■ 72.0376, 49.4695,
32.7646

■ 15.3237, 38.5711,
10.7266

■ 83.9350, 50.9561,
35.8126

■ 8.9388, 37.2718,
6.2572

■ 96.4236, 52.3431,
38.7559

0.0000, INF, NaN

0.0000, NaN, NaN

■ 109.4767, 53.6366,
41.6119

0.0000, NaN, NaN

■ 123.0708, 54.8422,

0.0000, NaN, NaN

44.3944

0.0000, NaN, NaN

137.1852, 55.9654,
47.1149

40.2306, 44.3689,
22.7379

40.2306, 44.3689,
22.7379

37.9807, 50.0377,
23.3107

43.0982, 38.0556,
21.5495

36.4182, 54.4575,
23.3941

46.5236, 31.4898,
19.8404

50.4411, 24.9470,
17.7312

54.7846, 18.5991,
15.3315

59.4942, 12.5329,
12.7275

■ 64.5184, 6.7781,
9.9820

■ 69.8141, 1.3307,
7.1379

■ 75.3458, -3.8307,
4.2242

■ 81.0844, -8.7350,
1.2596

Harmonies

Analogous

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



40.2318, 61.3570, 10.2093



40.2306, 44.3689, 22.7379



40.2318, 16.1638, 26.3543

Triad

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



40.2318, 44.3651, 22.7385



40.2318, -39.9016, 15.1670



40.2318, 7.7838, -80.8003

Complementary

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



40.2306, 44.3689, 22.7379



58.3580, -22.9173, -19.3366

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.



40.2318, -17.6777, -75.9696



40.2306, 44.3689, 22.7379



40.2318, -41.0455, -7.9197

Square

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



40.2318, 44.3651, 22.7385



40.2318, -30.3365, 24.3569



40.2318, -34.0138, -44.1364



40.2318, 36.8781, -54.8149

Rectangle

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



40.2306, 44.3689, 22.7379



40.2318, -2.7728, 26.7779



40.2318, -34.0138, -44.1364



40.2318, -1.5211, -83.0041

Sweetspot

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



40.2318, 44.3651, 22.7385



82.7006, 11.9277, 14.6619



40.7240, 67.9288, -30.7844



37.1537, 6.7972, 7.3893

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2318, 44.3651, 22.7385



48.6785, 70.6665, 30.8758



57.2220, 6.3799, 33.3827



33.0477, 0.3718, 3.2140



29.3546, 43.1855, 18.8442



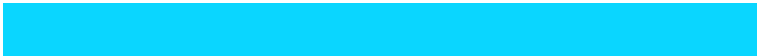
7.0747, 7.3633, 4.4883

Inverse Universe

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



58.3580, -22.9173, -19.3366



74.3073, -28.8033, -30.2042



35.0243, 15.1621, -69.6200



34.2798, -3.8123, 0.4439



44.9019, -17.4221, -18.5143



10.1866, -4.3350, -3.3743

Previews

White Background



This preview shows how the HunterLab color 40.2306, 44.3689, 22.7379 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 40.2306, 44.3689, 22.7379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

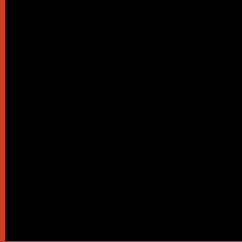
Any Text WCAG AA × Fail

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 40.2306, 44.3689, 22.7379 Background



This preview shows how black text looks on a background with the HunterLab color 40.2306, 44.3689, 22.7379.



This preview shows how white text looks on a background with the HunterLab color 40.2306, 44.3689, 22.7379.

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

40.2306, 44.3689, 22.7379

Protanopia

40.5193, -4.9068, 20.1281

Deuteranopia

40.4293, 2.5875, 23.4370



Tritanopia

40.2836, 47.2830, 18.0643

Trichromacy



Original Color

40.2306, 44.3689, 22.7379

Protanomaly

39.0466, 12.3312, 20.1926

Deuteranomaly

39.4205, 17.8574, 22.6536

Tritanomaly

40.2886, 46.3134, 20.1305

Monochromacy



Original Color

40.2306, 44.3689, 22.7379

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.4620, 12.4897, 10.3454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2306, 44.3689, 22.7379 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(199, 66, 39)` looks like.

```
.text, #text, p{  
    color:rgb(199, 66, 39)  
}
```

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(199, 66, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 66, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2306, 44.3689, 22.7379 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(199, 66, 39) }
```


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

```
.border{ border-color:rgb(199, 66, 39) }
```

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

Here you see how a box with a 4 pixel rgb(199, 66, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 66, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 66, 39);  
box-shadow:4px 4px 4px 4px rgb(199, 66,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2306, 44.3689, 22.7379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 66, 39) }
```

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

```
.background{ background-color: rgb(199, 66,  
39) }
```

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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