

Converting Colors

HunterLab(40.6813, 42.6899,
16.7815)

Have a look what the booklet for
HunterLab(40.6813, 42.6899,
16.7815) contains.

HunterLab(40.7142, 42.4269, 16.9025)	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(40.7142, 42.4269,
16.9025)**

Conversions

Conversions Part 1

Format	Color
Hex	C34748
RGB	195, 71, 72
RGB Percent	76%, 28%, 28%
CMY	0.2353, 0.7215, 0.7176
CMYK	0.00, 0.64, 0.63, 0.24
HSL	360°, 51%, 52%
HSV	360°, 64%, 76%
XYZ	25.9286, 16.5765, 7.9639
YIQ	108.1900, 73.5830, 26.5990

Conversions

Conversions Part 2

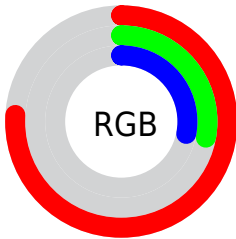
Format	Color
R_{YB}	195, 71, 72
Decimal	12797768
CIE _{Lab}	47.72, 49.61, 26.23
CIE _{LCh}	48, 56.116, 27.862
Yxy	16.5774, 0.5137, 0.3285
Android (android.graphics.Color)	4290987848 (0xFFC34748)
YUV	108.1900, -17.8417, 76.1324
Hunter-Lab	40.7142, 42.4269, 16.9025

Details

The HunterLab color **40.7142, 42.4269, 16.9025** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **66.5321, -30.9738, -5.0321**, and the grayscale version is **38.8445, -2.0726, 2.1105**.

A 20% lighter version of the original color is **61.0800, 45.1470, 20.8686**, and **23.1624, 38.5831, 12.1359** is the 20% darker color. If you saturate the color by 10%, you get **37.7733, 48.9473, 18.9105**, and if you desaturate by 10%, it is **44.4540, 35.0695, 14.7014**.

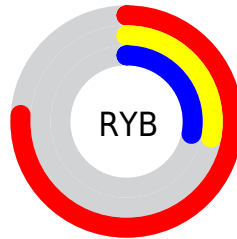
Distribution



Red (76%)

Green (28%)

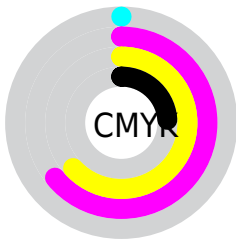
Blue (28%)



Red (76%)

Yellow (28%)

Blue (28%)

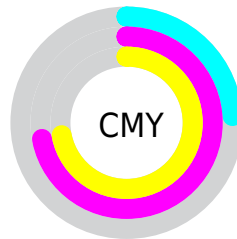


Cyan (0%)

Magenta (64%)

Yellow (63%)

Black (24%)



Cyan (24%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7142, 42.4269, 16.9025 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 40.7142, 42.4269, 16.9025 by changing the saturation by 10% instead.

■ 40.7142, 42.4269,
16.9025

■ 40.7142, 42.4269,
16.9025

152.5533, 54.4494,
34.7412

■ 31.5177, 40.5736,
14.5667

■ 61.3170, 45.7974,
21.2303

■ 23.1408, 38.6469,
12.0559

■ 72.6244, 47.3179,
23.2759

■ 15.6749, 36.7429,
9.8269

■ 84.5524, 48.7334,
25.2670

■ 9.2466, 35.2302,
6.4726

■ 97.0702, 50.0503,
27.2155

0.0000, INF, NaN

0.0000, NaN, NaN

■ 110.1512, 51.2746,
29.1308

0.0000, NaN, NaN

123.7720, 52.4124,

0.0000, NaN, NaN

31.0199

0.0000, NaN, NaN

137.9122, 53.4690,
32.8885

■ 40.7142, 42.4269,
16.9025

■ 40.7142, 42.4269,
16.9025

■ 37.7733, 48.9473,
18.9105

■ 44.4540, 35.0695,
14.7014

■ 35.7030, 54.0158,
20.5179

■ 48.8839, 27.4103,
12.4705

■ 34.5095, 57.1391,
21.5530

■ 53.8973, 19.7872,
10.3131

■ 34.0668, 58.3505,
21.9353

■ 59.3981, 12.3800,
8.2782

■ 65.3063, 5.2597,
6.3805

■ 71.5579, -1.5638,
4.6161

■ 78.1018, -8.1111,
2.9725

■ 84.8979, -14.4146,
1.4345

■ 91.9142, -20.5094,
-0.0130

Harmonies

Analogous

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



40.7153, 49.3600, 0.6849



40.7142, 42.4269, 16.9025



40.7153, 22.8841, 23.6967

Triad

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



40.7153, 42.4234, 16.9032



40.7153, -32.1810, 18.3471



40.7153, -3.7421, -62.0685

Complementary

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



40.7142, 42.4269, 16.9025



66.5321, -30.9738, -5.0321

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.



40.7153, -22.3379, -48.7640



40.7142, 42.4269, 16.9025



40.7153, -36.4335, 3.6903

Square

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



40.7153, 42.4234, 16.9032



40.7153, -20.1321, 24.1646



40.7153, -33.2513, -21.4566



40.7153, 19.5613, -51.8884

Rectangle

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



40.7142, 42.4269, 16.9025



40.7153, 7.1156, 25.2022



40.7153, -33.2513, -21.4566



40.7153, -10.7000, -60.0929

Sweetspot

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



40.7153, 42.4234, 16.9032



82.8236, 12.4300, 9.9663



44.4705, 58.9673, -40.3999



37.6939, 7.1292, 5.0159

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.7153, 42.4234, 16.9032



49.4190, 68.2094, 26.1566



53.1722, 13.5374, 26.3528



31.7477, 1.0957, 2.6274



27.4656, 47.0459, 17.6680



5.7131, 9.7941, 3.6127

Inverse Universe

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



40.7153, 42.4234, 16.9032



49.4190, 68.2094, 26.1566



47.5684, -3.9803, -35.1100



31.7477, 1.0957, 2.6274



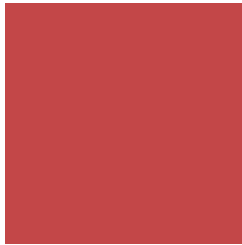
27.4656, 47.0459, 17.6680



5.7131, 9.7941, 3.6127

Previews

White Background



This preview shows how the HunterLab color 40.7142, 42.4269, 16.9025 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 40.7142, 42.4269, 16.9025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

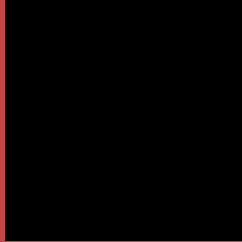
Any Text WCAG AA × Fail

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 40.7142, 42.4269, 16.9025 Background



This preview shows how black text looks on a background with the HunterLab color 40.7142, 42.4269, 16.9025.



This preview shows how white text looks on a background with the HunterLab color 40.7142, 42.4269, 16.9025.

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

40.7142, 42.4269, 16.9025

Protanopia

41.0132, -3.4182, 11.5494

Deuteranopia

41.0117, 2.6535, 17.8662



Tritanopia

40.7634, 42.6426, 16.1828

Trichromacy



Original Color

40.7142, 42.4269, 16.9025

Protanomaly

39.5674, 12.5997, 12.3391

Deuteranomaly

39.9659, 16.8566, 16.8088

Tritanomaly

40.7468, 42.5696, 16.4264

Monochromacy



Original Color

40.7142, 42.4269, 16.9025

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.1917, 12.4925, 6.9449

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7142, 42.4269, 16.9025 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(195, 71, 72)` looks like.

```
.text, #text, p{  
    color:rgb(195, 71, 72)  
}
```

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(195, 71, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 71, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7142, 42.4269, 16.9025 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(195, 71, 72) }
```


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

```
.border{ border-color:rgb(195, 71, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 71, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 71, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 71, 72);  
box-shadow:4px 4px 4px 4px rgb(195, 71,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7142, 42.4269, 16.9025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 71, 72) }
```

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

```
.background{ background-color: rgb(195, 71,  
72) }
```

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