

Converting Colors

HunterLab(40.8506, 46.2212,
17.5074)

Have a look what the booklet for
HunterLab(40.8506, 46.2212,
17.5074) contains.

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Color

**HunterLab(40.7652, 46.3313,
17.5029)**

Conversions

Conversions Part 1

Format	Color
Hex	C84246
RGB	200, 66, 70
RGB Percent	78%, 26%, 27%
CMY	0.2157, 0.7411, 0.7255
CMYK	0.00, 0.67, 0.65, 0.22
HSL	358°, 55%, 52%
HSV	358°, 67%, 78%
XYZ	26.8732, 16.6180, 7.5856
YIQ	106.5220, 78.5800, 29.6520

Conversions

Conversions Part 2

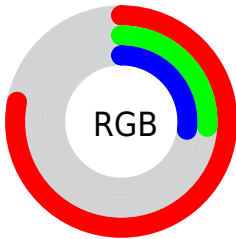
Format	Color
R_{YB}	200, 66, 70
Decimal	13124166
CIE _{Lab}	47.78, 53.27, 27.66
CIE _{LCh}	48, 60.026, 27.442
Yxy	16.6190, 0.5261, 0.3254
Android (android.graphics.Color)	4291314246 (0xFFC84246)
YUV	106.5220, -18.0053, 81.9802
Hunter-Lab	40.7652, 46.3313, 17.5029

Details

The HunterLab color **40.7652, 46.3313, 17.5029** 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 **68.1563, -33.1975, -4.0183**, and the grayscale version is **38.2093, -2.0388, 2.0760**.

A 20% lighter version of the original color is **60.2020, 46.8926, 21.0372**, and **23.5968, 40.7456, 12.6482** is the 20% darker color. If you saturate the color by 10%, you get **38.0387, 52.5550, 19.5500**, and if you desaturate by 10%, it is **44.3445, 39.0020, 15.2516**.

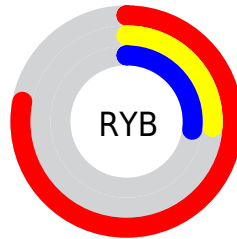
Distribution



Red (78%)

Green (26%)

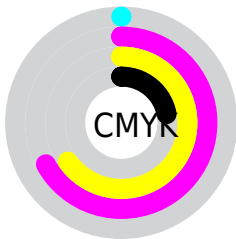
Blue (27%)



Red (78%)

Yellow (26%)

Blue (27%)

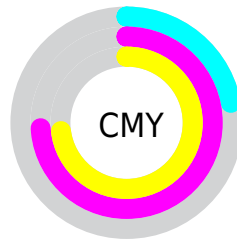


Cyan (0%)

Magenta (67%)

Yellow (65%)

Black (22%)



Cyan (22%)

Magenta (74%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7652, 46.3313, 17.5029 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 40.7652, 46.3313, 17.5029 by changing the saturation by 10% instead.

40.7652, 46.3313,
17.5029

40.7652, 46.3313,
17.5029

152.6325, 59.4375,
36.0446

31.5645, 44.3727,
15.0566

61.3755, 49.9399,
22.0242

23.1831, 42.3654,
12.4234

72.6863, 51.5840,
24.1559

15.7120, 40.4361,
10.2107

84.6175, 53.1233,
26.2275

9.2784, 39.0380,
6.4949

97.1384, 54.5631,
28.2518

0.0000, INF, NaN

0.0000, INF, NaN

110.2223, 55.9091,
30.2387

0.0000, NaN, NaN

123.8459, 57.1667,

0.0000, NaN, NaN

32.1960

0.0000, NaN, NaN

137.9888, 58.3412,
34.1297

■ 40.7652, 46.3313,
17.5029

■ 40.7652, 46.3313,
17.5029

■ 38.0387, 52.5550,
19.5500

■ 44.3445, 39.0020,
15.2516

■ 36.2194, 57.0576,
21.1732

■ 48.6715, 31.1717,
12.9780

■ 35.2644, 59.5145,
22.1982

■ 53.6352, 23.2573,
10.8003

■ 35.0604, 60.0793,
22.3665

■ 59.1319, 15.4991,
8.7752

■ 65.0736, 8.0062,
6.9188

■ 71.3891, 0.8089,
5.2253

■ 78.0218, -6.1035,
3.6789

■ 84.9268, -12.7600,
2.2606

■ 92.0687, -19.1949,
0.9522

Harmonies

Analogous

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



40.7664, 53.6766, 0.2481



40.7652, 46.3313, 17.5029



40.7664, 25.1825, 24.3949

Triad

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



40.7664, 46.3276, 17.5036



40.7664, -33.7677, 19.2667



40.7664, -4.1799, -68.5876

Complementary

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



40.7652, 46.3313, 17.5029



68.1563, -33.1975, -4.0183

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.



40.7664, -23.8069, -53.3850



40.7652, 46.3313, 17.5029



40.7664, -38.2841, 4.0962

Square

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



40.7664, 46.3276, 17.5036



40.7664, -21.0267, 24.9307



40.7664, -35.0980, -23.0595



40.7664, 20.8742, -57.5549

Rectangle

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



40.7652, 46.3313, 17.5029



40.7664, 8.1489, 25.8533



40.7664, -35.0980, -23.0595



40.7664, -11.5682, -66.2468

Sweetspot

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



40.7664, 46.3276, 17.5036



82.9932, 13.7372, 9.8834



44.4307, 62.9298, -44.4385



37.3627, 7.6547, 4.8938

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.7664, 46.3276, 17.5036



48.9120, 71.9282, 26.6940



53.1524, 16.4374, 27.2891



32.6220, 1.1663, 2.6222



27.9613, 47.9226, 17.7725



6.0994, 10.4836, 3.6450

Inverse Universe

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



40.7664, 46.3276, 17.5036



48.9120, 71.9282, 26.6940



48.3260, -4.4723, -37.3405



32.6220, 1.1663, 2.6222



27.9613, 47.9226, 17.7725



6.0994, 10.4836, 3.6450

Previews

White Background



This preview shows how the HunterLab color 40.7652, 46.3313, 17.5029 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 40.7652, 46.3313, 17.5029 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 40.7652, 46.3313, 17.5029 Background



This preview shows how black text looks on a background with the HunterLab color 40.7652, 46.3313, 17.5029.



This preview shows how white text looks on a background with the HunterLab color 40.7652, 46.3313,

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

40.7652, 46.3313, 17.5029

Protanopia

41.0132, -3.4182, 11.5494

Deuteranopia

40.9697, 2.4281, 18.4823



Tritanopia

40.7652, 46.3313, 17.5029

Trichromacy



Original Color

40.7652, 46.3313, 17.5029

Protanomaly

39.5507, 13.7177, 12.6445

Deuteranomaly

39.7481, 18.4406, 17.1271

Tritanomaly

40.7652, 46.3313, 17.5029

Monochromacy



Original Color

40.7652, 46.3313, 17.5029

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

37.5835, 14.1715, 6.7010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7652, 46.3313, 17.5029 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(200, 66, 70)` looks like.

```
.text, #text, p{  
    color:rgb(200, 66, 70)  
}
```

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(200, 66, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 66, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7652, 46.3313, 17.5029 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(200, 66, 70) }
```


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

```
.border{ border-color:rgb(200, 66, 70) }
```

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

Here you see how a box with a 4 pixel rgb(200, 66, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 66, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 66, 70);  
box-shadow:4px 4px 4px 4px rgb(200, 66,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7652, 46.3313, 17.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 66, 70) }
```

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

```
.background{ background-color: rgb(200, 66,  
70) }
```

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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