

Converting Colors

HunterLab(37.5786, 45.7778,
14.6572)

Have a look what the booklet for
HunterLab(37.5786, 45.7778,
14.6572) contains.

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Color

**HunterLab(37.6829, 45.7828,
14.6422)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3947
RGB	189, 57, 71
RGB Percent	74%, 22%, 28%
CMY	0.2588, 0.7764, 0.7216
CMYK	0.00, 0.70, 0.62, 0.26
HSL	354°, 54%, 48%
HSV	354°, 70%, 74%
XYZ	23.5867, 14.2000, 7.4589
YIQ	98.0640, 74.1780, 32.3380

Conversions

Conversions Part 2

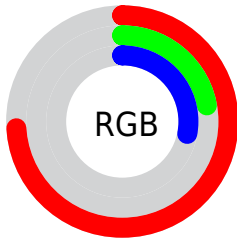
Format	Color
RYB	189, 57, 71
Decimal	12400967
CIELab	44.52, 53.35, 22.51
CIElCh	45, 57.901, 22.877
Yxy	14.2008, 0.5213, 0.3139
Android (android.graphics.Color)	4290591047 (0xFFBD3947)
YUV	98.0640, -13.3426, 79.7509
Hunter-Lab	37.6829, 45.7828, 14.6422

Details

The HunterLab color **37.6829, 45.7828, 14.6422** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **63.5300, -33.5624, 0.7048**, and the grayscale version is **35.0027, -1.8677, 1.9018**.

A 20% lighter version of the original color is **57.8182, 49.8087, 18.6023**, and **21.7967, 37.7122, 11.1029** is the 20% darker color. If you saturate the color by 10%, you get **35.3260, 51.1178, 16.7836**, and if you desaturate by 10%, it is **40.8387, 39.2090, 12.4796**.

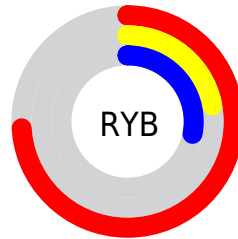
Distribution



Red (74%)

Green (22%)

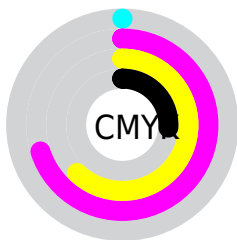
Blue (28%)



Red (74%)

Yellow (22%)

Blue (28%)

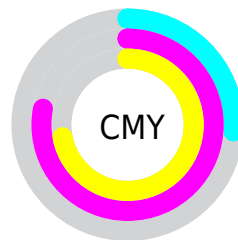


Cyan (0%)

Magenta (70%)

Yellow (62%)

Black (26%)



Cyan (26%)

Magenta (78%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6829, 45.7828, 14.6422 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 37.6829, 45.7828, 14.6422 by changing the saturation by 10% instead.

■ 37.6829, 45.7828,
14.6422

■ 37.6829, 45.7828,
14.6422

147.8096, 59.1895,
30.7832

■ 28.7410, 43.7983,
12.5518

■ 57.8316, 49.4648,
18.5224

■ 20.6448, 41.7933,
10.3012

■ 68.9329, 51.1464,
20.3631

■ 13.4952, 39.9558,
8.6712

■ 80.6657, 52.7218,
22.1598

■ 7.0735, 42.3221,
4.9515

■ 92.9976, 54.1959,
23.9233

0.0000, INF, NaN

0.0000, NaN, NaN

■ 105.9008, 55.5742,
25.6618

0.0000, NaN, NaN

119.3511, 56.8624,

0.0000, NaN, NaN

27.3816

0.0000, NaN, NaN

133.3270, 58.0659,
29.0874

■ 37.6829, 45.7828,
14.6422

■ 37.6829, 45.7828,
14.6422

■ 35.3260, 51.1178,
16.7836

■ 40.8387, 39.2090,
12.4796

■ 33.8031, 54.6928,
18.6868

■ 44.7040, 31.9744,
10.4547

■ 32.9804, 56.5842,
20.0970

■ 49.1785, 24.5120,
8.6559

■ 32.9688, 56.6136,
20.1132

■ 54.1654, 17.0923,
7.1117

■ 59.5809, 9.8537,
5.8151

■ 65.3566, 2.8492,
4.7419

■ 71.4374, -3.9150,
3.8628

■ 77.7797, -10.4563,
3.1493

■ 84.3491, -16.8009,
2.5755

Harmonies

Analogous

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



37.6840, 50.2184, -3.3241



37.6829, 45.7828, 14.6422



37.6840, 27.2767, 22.1622

Triad

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



37.6840, 45.7793, 14.6429



37.6840, -30.3045, 19.2213



37.6840, -7.1479, -64.3223

Complementary

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



37.6829, 45.7828, 14.6422



63.5300, -33.5624, 0.7048

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.



37.6840, -24.4183, -46.6334



37.6829, 45.7828, 14.6422



37.6840, -35.6357, 6.7355

Square

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



37.6840, 45.7793, 14.6429



37.6840, -17.1759, 23.5386



37.6840, -33.7621, -17.3329



37.6840, 16.0066, -57.5885

Rectangle

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



37.6829, 45.7828, 14.6422



37.6840, 11.3587, 23.8579



37.6840, -33.7621, -17.3329



37.6840, -13.7459, -60.8041

Sweetspot

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



37.6840, 45.7793, 14.6429



78.6169, 14.6205, 8.0225



39.4387, 57.7809, -47.0634



35.5155, 8.0113, 3.9335



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



37.6840, 45.7793, 14.6429



46.0165, 71.3702, 23.9225



46.6437, 21.8753, 24.2027



30.9069, 1.1846, 2.2105



27.0536, 46.4769, 16.3433



5.4059, 9.3893, 2.4739

Inverse Universe

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



37.6840, 45.7793, 14.6429



46.0165, 71.3702, 23.9225



47.7882, -8.8516, -30.4394



30.9069, 1.1846, 2.2105



27.0536, 46.4769, 16.3433



5.4059, 9.3893, 2.4739

Previews

White Background



This preview shows how the HunterLab color 37.6829, 45.7828, 14.6422 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 37.6829, 45.7828, 14.6422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

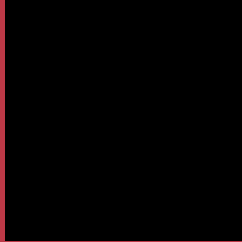
Any Text WCAG AA × Fail

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 37.6829, 45.7828, 14.6422 Background



This preview shows how black text looks on a background with the HunterLab color 37.6829, 45.7828, 14.6422.



This preview shows how white text looks on a background with the HunterLab color 37.6829, 45.7828,

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

37.6829, 45.7828, 14.6422

Protanopia

38.0267, -2.5132, 7.6009

Deuteranopia

37.8743, 2.6815, 15.7918



Tritanopia

37.8081, 44.4052, 16.9277

Trichromacy



Original Color

37.6829, 45.7828, 14.6422

Protanomaly

36.2057, 14.2282, 8.8236

Deuteranomaly

36.7172, 18.5072, 14.3742

Tritanomaly

37.7181, 44.9860, 16.1681

Monochromacy



Original Color

37.6829, 45.7828, 14.6422

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.2292, 14.2268, 5.3489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6829, 45.7828, 14.6422 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(189, 57, 71)` looks like.

```
.text, #text, p{  
    color:rgb(189, 57, 71)  
}
```

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(189, 57, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 57, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6829, 45.7828, 14.6422 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(189, 57, 71) }
```


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

```
.border{ border-color:rgb(189, 57, 71) }
```

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

Here you see how a box with a 4 pixel rgb(189, 57, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 57, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 57, 71);  
box-shadow:4px 4px 4px 4px rgb(189, 57,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6829, 45.7828, 14.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 57, 71) }
```

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

```
.background{ background-color: rgb(189, 57,  
71) }
```

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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