

Converting Colors

HunterLab(47.4105, 48.1557,
22.5996)

Have a look what the booklet for
HunterLab(47.4105, 48.1557,
22.5996) contains.

HunterLab(47.4168, 47.7953, 22.6008)	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(47.4168, 47.7953,
22.6008)**

Conversions

Conversions Part 1

Format	Color
Hex	DF5447
RGB	223, 84, 71
RGB Percent	87%, 33%, 28%
CMY	0.1255, 0.6706, 0.7216
CMYK	0.00, 0.62, 0.68, 0.13
HSL	5°, 70%, 58%
HSV	5°, 68%, 87%
XYZ	34.7390, 22.4835, 8.4701
YIQ	124.0790, 87.0170, 25.4250

Conversions

Conversions Part 2

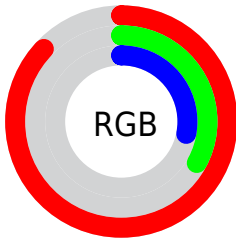
Format	Color
R_{YB}	223, 85, 71
Decimal	14636103
CIE Lab	54.54, 53.45, 36.24
CIE LCh	55, 64.576, 34.137
Yxy	22.4848, 0.5288, 0.3423
Android (android.graphics.Color)	4292826183 (0xFFDF5447)
YUV	124.0790, -26.1679, 86.7537
Hunter-Lab	47.4168, 47.7953, 22.6008

Details

The HunterLab color **47.4168, 47.7953, 22.6008** 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 **72.6335, -31.3572, -12.7790**, and the grayscale version is **45.0024, -2.4012, 2.4451**.

A 20% lighter version of the original color is **64.0947, 37.8390, 23.7200**, and **28.7479, 44.0129, 16.4693** is the 20% darker color. If you saturate the color by 10%, you get **44.1937, 55.1056, 24.3426**, and if you desaturate by 10%, it is **51.4441, 39.7812, 20.3800**.

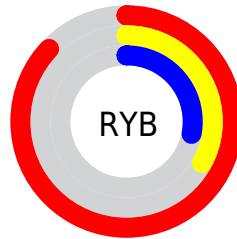
Distribution



Red (87%)

Green (33%)

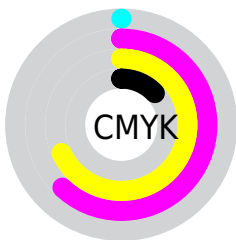
Blue (28%)



Red (87%)

Yellow (33%)

Blue (28%)

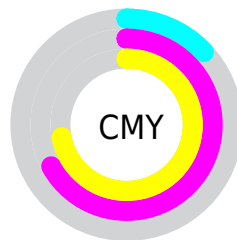


Cyan (0%)

Magenta (62%)

Yellow (68%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4168, 47.7953, 22.6008 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 47.4168, 47.7953, 22.6008 by changing the saturation by 10% instead.

47.4168, 47.7953,
22.6008

47.4168, 47.7953,
22.6008

162.8090, 60.3831,
44.9756

37.7009, 45.8930,
19.6198

68.9536, 51.2694,
28.1153

28.7565, 43.9095,
16.4300

80.6875, 52.8480,
30.7076

20.6586, 41.9028,
13.2436

93.0204, 54.3254,
33.2183

13.5072, 40.0653,
9.4551

105.9247, 55.7069,
35.6624

7.0876, 42.3979,
4.9613

119.3759, 56.9984,
38.0517

0.0000, INF, NaN

0.0000, NaN, NaN

133.3528, 58.2050,

40.3955

0.0000, NaN, NaN

147.8362, 59.3317,
42.7014

0.0000, NaN, NaN

■ 47.4168, 47.7953,
22.6008

■ 47.4168, 47.7953,
22.6008

■ 44.1937, 55.1056,
24.3426

■ 51.4441, 39.7812,
20.3800

■ 41.8431, 61.1271,
25.4354

■ 56.1730, 31.5616,
17.8545

■ 40.3771, 65.3105,
25.8506

■ 61.5035, 23.4497,
15.1656

■ 40.1951, 65.8392,
25.9206

■ 67.3432, 15.6151,
12.4082

■ 73.6136, 8.1262,
9.6391

80.2503, 0.9915,
6.8884

87.2013, -5.8111,
4.1699

94.4247, -12.3168,
1.4879

97.1740, -15.3109,
1.8859

Harmonies

Analogous

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



47.4181, 60.1898, 5.9661



47.4168, 47.7953, 22.6008



47.4181, 21.9636, 28.8336

Triad

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



47.4181, 47.7912, 22.6016



47.4181, -40.4050, 19.3057



47.4181, 1.2226, -76.3589

Complementary

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



47.4168, 47.7953, 22.6008



72.6335, -31.3572, -12.7790

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.



47.4181, -22.8856, -65.6020



47.4168, 47.7953, 22.6008



47.4181, -43.5937, -1.0735

Square

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



47.4181, 47.7912, 22.6016



47.4181, -28.0065, 27.8022



47.4181, -37.9391, -33.7474



47.4181, 29.7985, -58.1163

Rectangle

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



47.4168, 47.7953, 22.6008



47.4181, 2.8177, 29.9780



47.4181, -37.9391, -33.7474



47.4181, -7.6559, -76.0598

Sweetspot

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



47.4181, 47.7912, 22.6016



84.2077, 11.1605, 11.8613



49.8640, 71.5310, -40.7791



37.9921, 6.2968, 5.9098

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.4181, 47.7912, 22.6016



50.1000, 67.4987, 29.0064



64.1630, 10.3487, 34.2095



37.2667, 0.8876, 3.3994



30.9315, 50.1189, 19.9372



8.5404, 11.9171, 5.4712

Inverse Universe

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



72.6335, -31.3572, -12.7790



82.7212, -37.9767, -17.5020



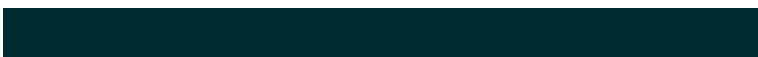
48.7953, 4.1925, -54.6853



39.1933, -4.7772, 0.7892



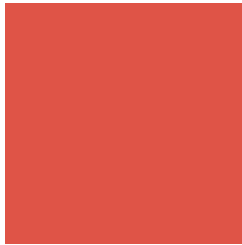
53.4647, -24.9286, -13.0125



14.2871, -6.8255, -3.1233

Previews

White Background



This preview shows how the HunterLab color 47.4168, 47.7953, 22.6008 looks on a white 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

Black Background



This preview shows how the HunterLab color 47.4168, 47.7953, 22.6008 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.4168, 47.7953, 22.6008 Background



This preview shows how black text looks on a background with the HunterLab color 47.4168, 47.7953, 22.6008.



This preview shows how white text looks on a background with the HunterLab color 47.4168, 47.7953,

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

47.4168, 47.7953, 22.6008

Protanopia

47.6319, -4.5345, 17.7789

Deuteranopia

47.5428, 2.8864, 23.4816



Tritanopia

47.5079, 50.1619, 18.8993

Trichromacy



Original Color

47.4168, 47.7953, 22.6008

Protanomaly

46.1538, 13.3461, 18.4188

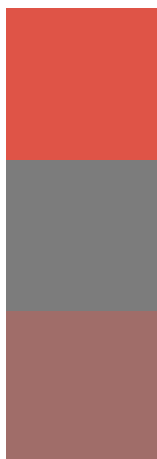
Deuteranomaly

46.6214, 19.2090, 22.5093

Tritanomaly

47.5688, 49.2875, 20.4718

Monochromacy



Original Color

47.4168, 47.7953, 22.6008

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.0804, 14.0347, 9.4318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4168, 47.7953, 22.6008 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(223, 84, 71)` looks like.

```
.text, #text, p{  
    color:rgb(223, 84, 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(223, 84, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 84, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4168, 47.7953, 22.6008 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(223, 84, 71) }
```


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

```
.border{ border-color:rgb(223, 84, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 84, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 84, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 84, 71);  
box-shadow:4px 4px 4px 4px rgb(223, 84,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4168, 47.7953, 22.6008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 84, 71) }
```

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

```
.background{ background-color: rgb(223, 84,  
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](#).

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