

Converting Colors

HunterLab(41.5050, 71.2294,
25.6502)

Have a look what the booklet for
HunterLab(41.5050, 71.2294,
25.6502) contains.

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Color

**HunterLab(41.4942, 71.2091,
25.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	E80017
RGB	232, 0, 23
RGB Percent	91%, 0%, 9%
CMY	0.0902, 0.9998, 0.9098
CMYK	0.00, 1.00, 0.90, 0.09
HSL	354°, 100%, 46%
HSV	354°, 100%, 91%
XYZ	33.4334, 17.2177, 2.3718
YIQ	71.9900, 130.8890, 56.3370

Conversions

Conversions Part 2

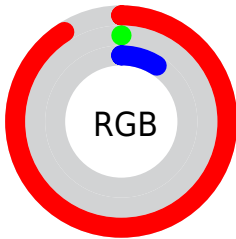
Format	Color
RYB	232, 0, 23
Decimal	15204375
CIELab	48.53, 74.79, 55.41
CIELCh	49, 93.078, 36.534
Yxy	17.2188, 0.6305, 0.3247
Android (android.graphics.Color)	4293394455 (0xFFE80017)
YUV	71.9900, -24.1521, 140.3288
Hunter-Lab	41.4942, 71.2091, 25.6569

Details

The HunterLab color **41.4942, 71.2091, 25.6569** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **78.9426, -46.8614, 2.4915**, and the grayscale version is **25.5147, -1.3614, 1.3863**.

A 20% lighter version of the original color is **54.1934, 57.3481, 27.8758**, and **28.4728, 48.7605, 18.3984** is the 20% darker color. If you saturate the color by 10%, you get **41.4938, 71.2079, 25.6605**, and if you desaturate by 10%, it is **42.3791, 69.2243, 24.0050**.

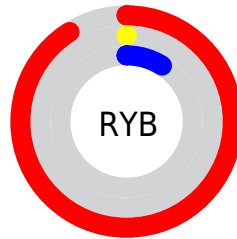
Distribution



Red (91%)

Green (0%)

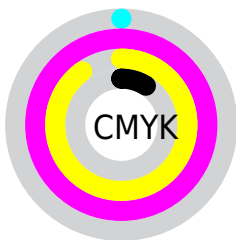
Blue (9%)



Red (91%)

Yellow (0%)

Blue (9%)

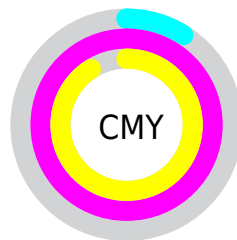


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (9%)



Cyan (9%)




Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 41.4942, 71.2091, 25.6569 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 41.4942, 71.2091, 25.6569 by changing the saturation by 10% instead.


 41.4942, 71.2091, 25.6569	 41.4942, 71.2091, 25.6569
153.7628, 89.8939, 58.3127	 32.2345, 68.8477, 21.1457
 62.2106, 75.9201, 33.9835	 23.7880, 66.6664, 16.6516
 73.5697, 78.1838, 37.8412	 16.2440, 65.0374, 11.3708
 85.5466, 80.3612, 41.5368	 9.7270, 65.0909, 6.8089
 98.1110, 82.4474, 45.0950	0.0000, INF, NaN
	0.0000, INF, NaN
 111.2366, 84.4416, 48.5363	0.0000, NaN, NaN
 124.9004, 86.3456,	0.0000, NaN, NaN


51.8775


0.0000, NaN, NaN


 139.0819, 88.1619,
55.1325


 41.4942, 71.2091,
25.6569


 41.4942, 71.2091,
25.6569


 41.4938, 71.2079,
25.6605

 42.3791, 69.2243,
24.0050

 44.1872, 64.9567,
21.6933

 47.0750, 58.3541,
19.0159

 51.0029, 50.0868,
16.2558

 55.8621, 40.9062,
13.6361

■ 61.5202, 31.4018,
11.2841

■ 67.8491, 21.9418,
9.2467

■ 74.7379, 12.7147,
7.5199

■ 82.0957, 3.7932,
6.0758

Harmonies

Analogous

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



41.4955, 93.9230, 9.2032



41.4942, 71.2091, 25.6569



41.4955, 29.8419, 29.0469

Triad

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



41.4955, 71.2037, 25.6576



41.4955, -49.1805, 21.1018



41.4955, 6.1351, -135.4189

Complementary

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



41.4942, 71.2091, 25.6569



78.9426, -46.8614, 2.4915

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.



41.4955, -26.7749, -118.8316



41.4942, 71.2091, 25.6569



41.4955, -51.6735, -6.1421

Square

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



41.4955, 71.2037, 25.6576



41.4955, -36.4627, 28.1586



41.4955, -45.1019, -60.9985



41.4955, 48.7900, -96.2020

Rectangle

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



41.4942, 71.2091, 25.6569



41.4955, 2.1437, 29.0469



41.4955, -45.1019, -60.9985



41.4955, -6.4034, -136.4728

Sweetspot

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



41.4955, 71.2037, 25.6576



75.3977, 24.6135, 10.3312



43.9935, 88.5757, -74.2285



33.4651, 13.4422, 5.2056

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.4955, 71.2037, 25.6576



46.1857, 79.2484, 28.6498



49.9554, 45.4240, 31.5756



37.9355, 1.5328, 2.7624



30.9302, 53.1065, 18.9198



8.4550, 14.6101, 4.4498

Inverse Universe

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



41.4955, 71.2037, 25.6576



46.1857, 79.2484, 28.6498



49.3521, -0.1727, -61.3088



37.9355, 1.5328, 2.7624



30.9302, 53.1065, 18.9198



8.4550, 14.6101, 4.4498

Previews

White Background



This preview shows how the HunterLab color 41.4942, 71.2091, 25.6569 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 41.4942, 71.2091, 25.6569 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 41.4942, 71.2091, 25.6569 Background



This preview shows how black text looks on a background with the HunterLab color 41.4942, 71.2091, 25.6569.



This preview shows how white text looks on a background with the HunterLab color 41.4942, 71.2091,

25.6569.

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

41.4942, 71.2091, 25.6569

Protanopia

42.0979, -5.1619, 22.6313

Deuteranopia

42.0295, 2.4581, 25.9414



Tritanopia

41.6645, 68.0435, 26.8647

Trichromacy



Original Color

41.4942, 71.2091, 25.6569

Protanomaly

36.5373, 28.4705, 20.3041

Deuteranomaly

37.5602, 33.5345, 23.3689

Tritanomaly

41.5864, 69.4813, 26.5142

Monochromacy



Original Color

41.4942, 71.2091, 25.6569

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.3935, 27.1820, 8.8995

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4942, 71.2091, 25.6569 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(232, 0, 23)` looks like.

```
.text, #text, p{  
  color:rgb(232, 0, 23)  
}
```

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(232, 0, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4942, 71.2091, 25.6569 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(232, 0, 23) }
```


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

```
.border{ border-color:rgb(232, 0, 23) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 0, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.4942, 71.2091, 25.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 23) }
```

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

```
.background{ background-color: rgb(232, 0,  
23) }
```

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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