

Converting Colors

HunterLab(41.5123, 72.2771,
17.6309)

Have a look what the booklet for
HunterLab(41.5123, 72.2771,
17.6309) contains.

HunterLab(41.4155, 72.1190, 17.5079)	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(41.4155, 72.1190,
17.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	E5004A
RGB	229, 0, 74
RGB Percent	90%, 0%, 29%
CMY	0.1020, 0.9998, 0.7098
CMYK	0.00, 1.00, 0.68, 0.10
HSL	341°, 100%, 45%
HSV	341°, 100%, 90%
XYZ	33.5491, 17.1524, 8.0211
YIQ	76.9070, 112.7300, 71.5620

Conversions

Conversions Part 2

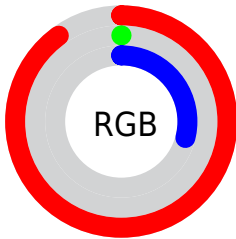
Format	Color
RYB	229, 0, 74
Decimal	15007818
CIELab	48.45, 75.55, 27.28
CIELCh	48, 80.323, 19.857
Yxy	17.1535, 0.5713, 0.2921
Android (android.graphics.Color)	4293197898 (0xFFE5004A)
YUV	76.9070, -1.4332, 133.3856
Hunter-Lab	41.4155, 72.1190, 17.5079

Details

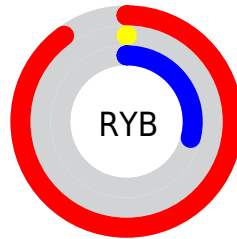
The HunterLab color **41.4155, 72.1190, 17.5079** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **76.4245, -54.4695, 22.0627**, and the grayscale version is **27.1962, -1.4511, 1.4776**.

A 20% lighter version of the original color is **55.0631, 61.1231, 15.1739**, and **28.4574, 49.0819, 15.6938** is the 20% darker color. If you saturate the color by 10%, you get **41.4148, 72.1166, 17.5165**, and if you desaturate by 10%, it is **42.4248, 70.6726, 14.0153**.

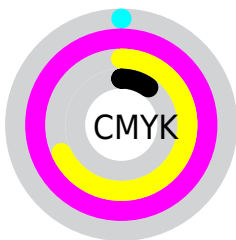
Distribution



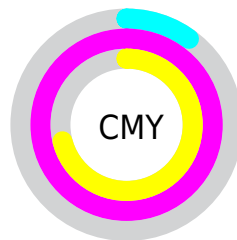
- Red (90%)
- Green (0%)
- Blue (29%)



- Red (90%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4155, 72.1190, 17.5079 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 41.4155, 72.1190, 17.5079 by changing the saturation by 10% instead.

41.4155, 72.1190,
17.5079

41.4155, 72.1190,
17.5079

153.6410, 90.9842,
35.8330

32.1621, 69.7516,
15.1015

62.1205, 76.8608,
21.9645

23.7226, 67.5772,
12.5153

73.4744, 79.1440,
24.0690

16.1864, 65.9837,
10.1701

85.4464, 81.3422,
26.1157

9.6785, 66.1468,
6.7750

98.0061, 83.4498,
28.1172

0.0000, INF, NaN

0.0000, INF, NaN

111.1272, 85.4659,
30.0830

0.0000, NaN, NaN

124.7867, 87.3919,

0.0000, NaN, NaN

32.0205

0.0000, NaN, NaN

138.9640, 89.2303,
33.9356

■ 41.4155, 72.1190,
17.5079

■ 41.4155, 72.1190,
17.5079

■ 41.4148, 72.1166,
17.5165

■ 42.4248, 70.6726,
14.0153

■ 44.2952, 66.8884,
10.5739

■ 47.1726, 60.6611,
7.5907

■ 51.0200, 52.6022,
5.2847

■ 55.7398, 43.4276,
3.7286

■ 61.2123, 33.7261,
2.8877

■ 67.3214, 23.8899,
2.6738

■ 73.9651, 14.1410,
2.9843

■ 81.0592, 4.5841,
3.7240

Harmonies

Analogous

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



41.4168, 76.4789, -9.3104



41.4155, 72.1190, 17.5079



41.4168, 44.8601, 26.5965

Triad

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



41.4168, 72.1139, 17.5088



41.4168, -39.2646, 24.9203



41.4168, -12.4080, -105.0573

Complementary

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



41.4155, 72.1190, 17.5079



76.4245, -54.4695, 22.0627

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.



41.4168, -34.6361, -71.0669



41.4155, 72.1190, 17.5079



41.4168, -46.7526, 11.2200

Square

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



41.4168, 72.1139, 17.5088



41.4168, -20.9483, 28.1919



41.4168, -45.3611, -22.6707



41.4168, 20.5905, -97.7502

Rectangle

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



41.4155, 72.1190, 17.5079



41.4168, 20.9350, 28.1782



41.4168, -45.3611, -22.6707



41.4168, -21.1800, -97.4716

Sweetspot

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



41.4168, 72.1139, 17.5088



75.9091, 27.2124, 3.0193



35.2135, 76.3603, -101.7766



33.7303, 14.7698, 1.4101

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.4168, 72.1139, 17.5088



46.7704, 81.4100, 20.0338



42.4945, 64.3074, 27.3086



38.0057, 1.9105, 1.7606



31.3468, 54.6456, 12.7883



8.6177, 15.2087, 2.0750

Inverse Universe

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



41.4168, 72.1139, 17.5088



46.7704, 81.4100, 20.0338



65.4600, -25.2784, -27.2476



38.0057, 1.9105, 1.7606



31.3468, 54.6456, 12.7883



8.6177, 15.2087, 2.0750

Previews

White Background



This preview shows how the HunterLab color 41.4155, 72.1190, 17.5079 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 41.4155, 72.1190, 17.5079 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 41.4155, 72.1190, 17.5079 Background



This preview shows how black text looks on a background with the HunterLab color 41.4155, 72.1190, 17.5079.



This preview shows how white text looks on a background with the HunterLab color 41.4155, 72.1190,

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

41.4155, 72.1190, 17.5079

Protanopia

42.0236, -1.7955, 5.4508

Deuteranopia

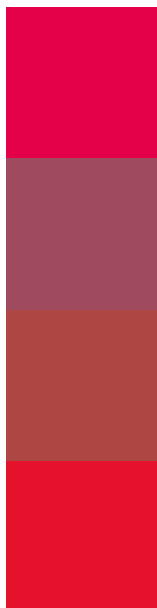
41.9135, 2.9232, 19.2258



Tritanopia

41.8295, 66.1076, 25.5473

Trichromacy



Original Color

41.4155, 72.1190, 17.5079

Protanomaly

36.3534, 29.9556, 4.8767

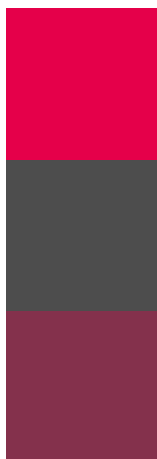
Deuteranomaly

37.2966, 33.9050, 15.1340

Tritanomaly

41.3934, 68.4171, 23.4305

Monochromacy



Original Color

41.4155, 72.1190, 17.5079

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.6115, 28.7295, 2.8350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4155, 72.1190, 17.5079 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(229, 0, 74)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 74)  
}
```

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(229, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4155, 72.1190, 17.5079 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(229, 0, 74) }
```


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

```
.border{ border-color:rgb(229, 0, 74) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(229, 0, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.4155, 72.1190, 17.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 74) }
```

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

```
.background{ background-color: rgb(229, 0,  
74) }
```

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