

Converting Colors

HunterLab(41.0331, 70.5061,
24.6871)

Have a look what the booklet for
HunterLab(41.0331, 70.5061,
24.6871) contains.

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Color

**HunterLab(40.9352, 70.3445,
24.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	E5001F
RGB	229, 0, 31
RGB Percent	90%, 0%, 12%
CMY	0.1020, 0.9998, 0.8784
CMYK	0.00, 1.00, 0.86, 0.10
HSL	352°, 100%, 45%
HSV	352°, 100%, 90%
XYZ	32.5604, 16.7569, 2.8146
YIQ	72.0050, 126.5330, 58.1890

Conversions

Conversions Part 2

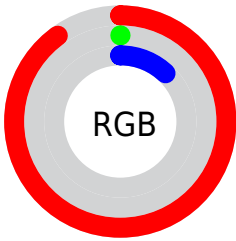
Format	Color
R_YB	229, 0, 31
Decimal	15007775
CIE _{Lab}	47.95, 74.19, 51.13
CIE _{LCh}	48, 90.104, 34.571
Yxy	16.7580, 0.6246, 0.3214
Android (android.graphics.Color)	4293197855 (0xFFE5001F)
YUV	72.0050, -20.2155, 137.6846
Hunter-Lab	40.9352, 70.3445, 24.5780

Details

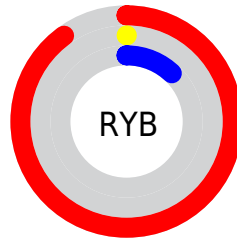
The HunterLab color **40.9352, 70.3445, 24.5780** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **77.5359, -47.7016, 6.0635**, and the grayscale version is **25.5070, -1.3610, 1.3858**.

A 20% lighter version of the original color is **54.1223, 58.1728, 26.4724**, and **27.9044, 47.7871, 18.0311** is the 20% darker color. If you saturate the color by 10%, you get **40.9347, 70.3431, 24.5824**, and if you desaturate by 10%, it is **41.8404, 68.4669, 22.5742**.

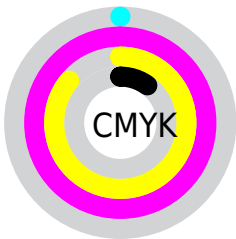
Distribution



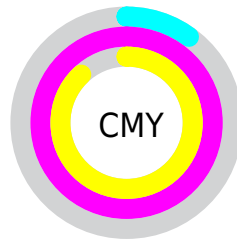
- Red (90%)
- Green (0%)
- Blue (12%)



- Red (90%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9352, 70.3445, 24.5780 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 40.9352, 70.3445, 24.5780 by changing the saturation by 10% instead.

40.9352, 70.3445,
24.5780

40.9352, 70.3445,
24.5780

152.8966, 88.9317,
55.0785

31.7208, 67.9935,
20.3338

61.5704, 75.0364,
32.3450

23.3241, 65.8270,
16.3269

72.8926, 77.2900,
35.9411

15.8359, 64.2296,
11.0851

84.8345, 79.4569,
39.3877

9.3836, 64.3885,
6.5685

97.3655, 81.5320,
42.7088

0.0000, INF, NaN

0.0000, INF, NaN

110.4592, 83.5149,
45.9240

0.0000, NaN, NaN


124.0923, 85.4072,


0.0000, NaN, NaN


49.0491


0.0000, NaN, NaN


 138.2442, 87.2118,
52.0970


 40.9352, 70.3445,
24.5780


 40.9352, 70.3445,
24.5780


 40.9347, 70.3431,
24.5824

 41.8404, 68.4669,
22.5742

 43.6468, 64.3384,
20.0125

 46.5073, 57.8935,
17.2214

 50.3816, 49.7828,
14.4825

 55.1637, 40.7392,
11.9971

■ 60.7249, 31.3416,
9.8655

■ 66.9410, 21.9557,
8.1106

■ 73.7042, 12.7724,
6.7105

■ 80.9261, 3.8683,
5.6245

Harmonies

Analogous

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



40.9365, 90.2227, 7.0628



40.9352, 70.3445, 24.5780



40.9365, 31.3528, 28.5235

Triad

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



40.9365, 70.3392, 24.5787



40.9365, -47.3229, 21.4273



40.9365, 3.3841, -129.2378

Complementary

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



40.9352, 70.3445, 24.5780



77.5359, -47.7016, 6.0635

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.



40.9365, -27.5172, -110.0822



40.9352, 70.3445, 24.5780



40.9365, -50.3570, -3.2788

Square

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



40.9365, 70.3392, 24.5787



40.9365, -34.1066, 27.7963



40.9365, -44.5257, -54.2133



40.9365, 44.0687, -95.0625

Rectangle

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



40.9352, 70.3445, 24.5780



40.9365, 4.4579, 28.6556



40.9365, -44.5257, -54.2133



40.9365, -8.4323, -128.9598

Sweetspot

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



40.9365, 70.3392, 24.5787



75.4767, 25.0160, 9.1986



41.4907, 84.6809, -78.8796



33.5056, 13.6461, 4.6227

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.9365, 70.3392, 24.5787



46.2366, 79.4372, 27.8952



47.3524, 49.8060, 30.0483



37.9467, 1.5932, 2.6021



30.9689, 53.2498, 18.3474



8.4789, 14.6985, 4.0978

Inverse Universe

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



40.9365, 70.3392, 24.5787



46.2366, 79.4372, 27.8952



52.0680, -5.8592, -52.4283



37.9467, 1.5932, 2.6021



30.9689, 53.2498, 18.3474



8.4789, 14.6985, 4.0978

Previews

White Background



This preview shows how the HunterLab color 40.9352, 70.3445, 24.5780 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 40.9352, 70.3445, 24.5780 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 40.9352, 70.3445, 24.5780 Background



This preview shows how black text looks on a background with the HunterLab color 40.9352, 70.3445, 24.5780.



This preview shows how white text looks on a background with the HunterLab color 40.9352, 70.3445,

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

40.9352, 70.3445, 24.5780

Protanopia

41.6268, -5.2351, 20.9312

Tritanopia

41.2678, 67.3323, 26.6078

Trichromacy



Original Color

40.9352, 70.3445, 24.5780

Protanomaly

36.1645, 27.6312, 18.8616

Tritanomaly

40.9951, 68.4598, 26.0016

Monochromacy



Original Color

40.9352, 70.3445, 24.5780

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.2993, 27.0667, 7.9527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9352, 70.3445, 24.5780 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, 31)` looks like.

```
.text, #text, p{  
  color:rgb(229, 0, 31)  
}
```

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, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9352, 70.3445, 24.5780 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, 31) }
```

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

```
.border{ border-color:rgb(229, 0, 31) }
```

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, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 31);  
box-shadow:4px 4px 4px 4px rgb(229, 0, 31)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 40.9352, 70.3445, 24.5780 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, 31) }
```

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

```
.background{ background-color: rgb(229, 0,  
31) }
```

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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