

Converting Colors

HunterLab(41.0318, 70.5014,
24.7058)

Have a look what the booklet for
HunterLab(41.0318, 70.5014,
24.7058) contains.

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Color

**HunterLab(40.9289, 70.3210,
24.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	E5001E
RGB	229, 0, 30
RGB Percent	90%, 0%, 12%
CMY	0.1020, 0.9998, 0.8824
CMYK	0.00, 1.00, 0.87, 0.10
HSL	352°, 100%, 45%
HSV	352°, 100%, 90%
XYZ	32.5474, 16.7517, 2.7462
YIQ	71.8910, 126.8540, 57.8780

Conversions

Conversions Part 2

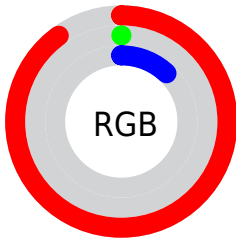
Format	Color
R_{YB}	229, 0, 30
Decimal	15007774
CIE _{Lab}	47.95, 74.18, 51.60
CIE _{LCh}	48, 90.357, 34.824
Yxy	16.7528, 0.6254, 0.3219
Android (android.graphics.Color)	4293197854 (0xFFE5001E)
YUV	71.8910, -20.6523, 137.7846
Hunter-Lab	40.9289, 70.3210, 24.6720

Details

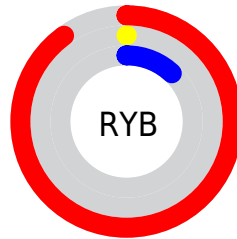
The HunterLab color **40.9289, 70.3210, 24.6720** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **77.5658, -47.5211, 5.6365**, and the grayscale version is **25.4681, -1.3589, 1.3837**.

A 20% lighter version of the original color is **54.1091, 58.1156, 26.6658**, and **27.9044, 47.7871, 18.0311** is the 20% darker color. If you saturate the color by 10%, you get **40.9284, 70.3196, 24.6763**, and if you desaturate by 10%, it is **41.8311, 68.4315, 22.7123**.

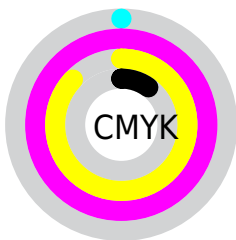
Distribution



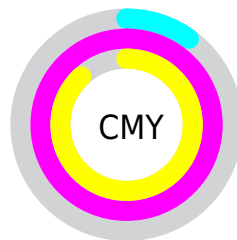
- Red (90%)
- Green (0%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9289, 70.3210, 24.6720 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 40.9289, 70.3210, 24.6720 by changing the saturation by 10% instead.

40.9289, 70.3210,
24.6720

40.9289, 70.3210,
24.6720

152.8869, 88.9045,
55.4186

31.7150, 67.9703,
20.3933

61.5632, 75.0122,
32.5042

23.3189, 65.8038,
16.3232

72.8850, 77.2655,
36.1304

15.8313, 64.2064,
11.0819

84.8265, 79.4319,
39.6054

9.3797, 64.3653,
6.5658

97.3571, 81.5066,
42.9534

0.0000, INF, NaN

0.0000, INF, NaN

110.4504, 83.4890,
46.1942


0.0000, NaN, NaN


124.0832, 85.3809,


0.0000, NaN, NaN


49.3436


0.0000, NaN, NaN


 138.2348, 87.1850,
52.4148


 40.9289, 70.3210,
24.6720


 40.9289, 70.3210,
24.6720


 40.9284, 70.3196,
24.6763

 41.8311, 68.4315,
22.7123

 43.6353, 64.2924,
20.1830

 46.4945, 57.8397,
17.4086

 50.3687, 49.7251,
14.6705

 55.1517, 40.6820,
12.1724

■ 60.7145, 31.2895,
10.0176

■ 66.9327, 21.9125,
8.2317

■ 73.6985, 12.7412,
6.7949

■ 80.9232, 3.8517,
5.6682

Harmonies

Analogous

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



40.9302, 90.5136, 7.3233



40.9289, 70.3210, 24.6720



40.9302, 31.1051, 28.5606

Triad

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



40.9302, 70.3157, 24.6727



40.9302, -47.4683, 21.3488



40.9302, 3.7167, -129.7614

Complementary

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



40.9289, 70.3210, 24.6720



77.5658, -47.5211, 5.6365

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.



40.9302, -27.3747, -110.9523



40.9289, 70.3210, 24.6720



40.9302, -50.4279, -3.6204

Square

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



40.9302, 70.3157, 24.6727



40.9302, -34.3399, 27.7911



40.9302, -44.5146, -54.9413



40.9302, 44.5689, -95.0270

Rectangle

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



40.9289, 70.3210, 24.6720



40.9302, 4.1589, 28.6512



40.9302, -44.5146, -54.9413



40.9302, -8.1668, -129.6466

Sweetspot

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



40.9302, 70.3157, 24.6727



75.4671, 24.9671, 9.3362



42.1052, 85.5343, -76.9402



33.5007, 13.6213, 4.6936

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.9302, 70.3157, 24.6727



46.2296, 79.4115, 27.9980



47.9572, 48.1474, 30.3919



37.9454, 1.5859, 2.6215



30.9637, 53.2306, 18.4243



8.4760, 14.6879, 4.1401

Inverse Universe

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



40.9302, 70.3157, 24.6727



46.2296, 79.4115, 27.9980



50.9161, -3.9939, -55.0152



37.9454, 1.5859, 2.6215



30.9637, 53.2306, 18.4243



8.4760, 14.6879, 4.1401

Previews

White Background



This preview shows how the HunterLab color 40.9289, 70.3210, 24.6720 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 40.9289, 70.3210, 24.6720 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 40.9289, 70.3210, 24.6720 Background



This preview shows how black text looks on a background with the HunterLab color 40.9289, 70.3210, 24.6720.



This preview shows how white text looks on a background with the HunterLab color 40.9289, 70.3210,

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

40.9289, 70.3210, 24.6720

Protanopia

41.7096, -4.9627, 21.1623

Deuteranopia

41.5486, 2.1723, 25.6401



Tritanopia

41.2678, 67.3323, 26.6078

Trichromacy



Original Color

40.9289, 70.3210, 24.6720

Protanomaly

36.1543, 27.5833, 19.0130

Deuteranomaly

36.9250, 32.8131, 22.8191

Tritanomaly

40.9951, 68.4598, 26.0016

Monochromacy



Original Color

40.9289, 70.3210, 24.6720

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 40.9289, 70.3210, 24.6720 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, 30)` looks like.

```
.text, #text, p{  
  color:rgb(229, 0, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9289, 70.3210, 24.6720 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, 30) }
```


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

```
.border{ border-color:rgb(229, 0, 30) }
```

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, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 30);  
box-shadow:4px 4px 4px 4px rgb(229, 0, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.9289, 70.3210, 24.6720 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, 30) }
```

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

```
.background{ background-color: rgb(229, 0,  
30) }
```

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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