

Converting Colors

HunterLab(40.1576, 45.7072,
24.0848)

Have a look what the booklet for
HunterLab(40.1576, 45.7072,
24.0848) contains.

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Color

**HunterLab(40.1981, 45.5827,
24.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	C9401A
RGB	201, 64, 26
RGB Percent	79%, 25%, 10%
CMY	0.2118, 0.7490, 0.8980
CMYK	0.00, 0.68, 0.87, 0.21
HSL	13°, 77%, 45%
HSV	13°, 87%, 79%
XYZ	26.1072, 16.1589, 2.7202
YIQ	100.6310, 93.8500, 17.2260

Conversions

Conversions Part 2

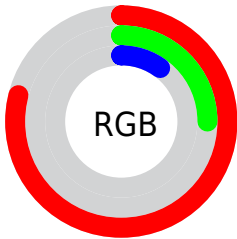
Format	Color
R_{YB}	201, 75, 26
Decimal	13189146
CIE _{Lab}	47.18, 52.68, 50.47
CIE _{LCh}	47, 72.953, 43.772
Yxy	16.1598, 0.5803, 0.3592
Android (android.graphics.Color)	4291379226 (0xFFC9401A)
YUV	100.6310, -36.7931, 88.0236
Hunter-Lab	40.1981, 45.5827, 24.1265

Details

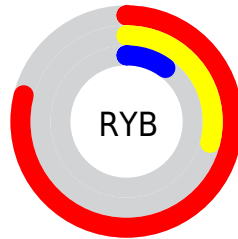
The HunterLab color **40.1981, 45.5827, 24.1265** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **55.3423, -19.2332, -25.4345**, and the grayscale version is **36.0463, -1.9233, 1.9585**.

A 20% lighter version of the original color is **59.1284, 44.7717, 30.5436**, and **23.4285, 40.1221, 15.1390** is the 20% darker color. If you saturate the color by 10%, you get **38.1665, 51.0088, 24.1478**, and if you desaturate by 10%, it is **42.7964, 39.5239, 23.4675**.

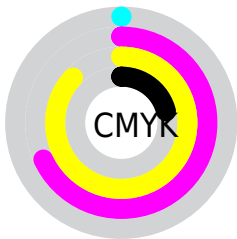
Distribution



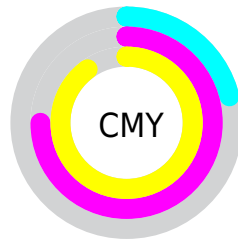
- Red (79%)
- Green (25%)
- Blue (10%)



- Red (79%)
- Yellow (29%)
- Blue (10%)



- Cyan (0%)
- Magenta (68%)
- Yellow (87%)
- Black (21%)



- Cyan (21%)
- Magenta (75%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1981, 45.5827, 24.1265 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 40.1981, 45.5827, 24.1265 by changing the saturation by 10% instead.

40.1981, 45.5827,
24.1265

40.1981, 45.5827,
24.1265

151.7508, 58.5655,
54.3723

31.0440, 43.6353,
19.9094

60.7252, 49.1660,
31.8354

22.7138, 41.6393,
15.8997

71.9982, 50.7966,
35.4022

15.3002, 39.7246,
10.7101

83.8935, 52.3222,
38.8195

8.9177, 38.4877,
6.2424

96.3802, 53.7480,
42.1119

0.0000, INF, NaN

0.0000, NaN, NaN

109.4313, 55.0798,
45.2988


0.0000, NaN, NaN


123.0236, 56.3232,


0.0000, NaN, NaN


48.3963


0.0000, NaN, NaN


 137.1363, 57.4835,
51.4172


 40.1981, 45.5827,
24.1265


 40.1981, 45.5827,
24.1265


 38.1665, 51.0088,
24.1478


 42.7964, 39.5239,
23.4675

 37.6739, 52.4035,
24.1319

 45.9172, 33.2040,
22.1798

 49.5070, 26.8896,
20.3567

 53.5083, 20.7566,
18.1046

 57.8671, 14.9010,
15.5204

■ 62.5357, 9.3619,
12.6826

■ 67.4732, 4.1425,
9.6514

■ 72.6453, -0.7736,
6.4711

■ 78.0235, -5.4128,
3.1736

Harmonies

Analogous

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



40.1993, 66.1360, 12.7263



40.1981, 45.5827, 24.1265



40.1993, 14.3449, 26.9738

Triad

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



40.1993, 45.5787, 24.1271



40.1993, -42.3969, 14.2018



40.1993, 11.7501, -88.5281

Complementary

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



40.1981, 45.5827, 24.1265



55.3423, -19.2332, -25.4345

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.



40.1993, -16.3458, -86.9597



40.1981, 45.5827, 24.1265



40.1993, -42.7310, -12.3074

Square

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



40.1993, 45.5787, 24.1271



40.1993, -33.4706, 24.5653



40.1993, -34.5622, -53.1700



40.1993, 43.2288, -56.6007

Rectangle

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



40.1981, 45.5827, 24.1265



40.1993, -5.6895, 27.2573



40.1993, -34.5622, -53.1700



40.1993, 1.5224, -92.3442

Sweetspot

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



40.1993, 45.5787, 24.1271



82.2680, 11.7582, 16.3247



39.7537, 69.9621, -26.0160



37.0444, 6.5906, 8.1739

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.1993, 45.5787, 24.1271



49.0194, 69.4296, 31.4210



58.9572, 4.0252, 35.4168



33.1726, 0.1565, 3.3519



30.0602, 40.9760, 19.2403



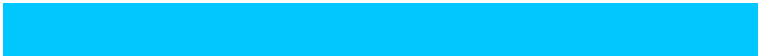
7.3349, 6.6636, 4.6364

Inverse Universe

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



55.3423, -19.2332, -25.4345



69.5347, -22.5576, -38.2169



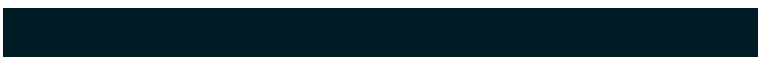
30.9004, 24.0498, -86.5642



34.1489, -3.6021, 0.2880



42.4568, -14.1113, -22.6051



9.7648, -3.7832, -4.0383

Previews

White Background



This preview shows how the HunterLab color 40.1981, 45.5827, 24.1265 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 40.1981, 45.5827, 24.1265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

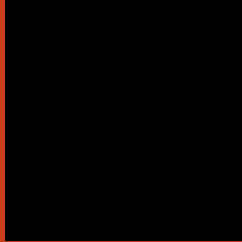
Any Text WCAG AA × Fail

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 40.1981, 45.5827, 24.1265 Background



This preview shows how black text looks on a background with the HunterLab color 40.1981, 45.5827, 24.1265.



This preview shows how white text looks on a background with the HunterLab color 40.1981, 45.5827,

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

40.1981, 45.5827, 24.1265

Protanopia

40.4794, -5.3152, 22.1643

Deuteranopia

40.3313, 2.0615, 24.8881



Tritanopia

40.1835, 49.0394, 18.6808

Trichromacy



Original Color

40.1981, 45.5827, 24.1265

Protanomaly

38.8230, 12.6032, 21.8320

Deuteranomaly

39.1004, 17.8315, 24.0138

Tritanomaly

40.1551, 47.9796, 21.1278

Monochromacy



Original Color

40.1981, 45.5827, 24.1265

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.7662, 12.4813, 11.5179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1981, 45.5827, 24.1265 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(201, 64, 26)` looks like.

```
.text, #text, p{  
    color:rgb(201, 64, 26)  
}
```

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(201, 64, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 64, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1981, 45.5827, 24.1265 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(201, 64, 26) }
```


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

```
.border{ border-color:rgb(201, 64, 26) }
```

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

Here you see how a box with a 4 pixel rgb(201, 64, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 64, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 64, 26);  
box-shadow:4px 4px 4px 4px rgb(201, 64,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1981, 45.5827, 24.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 64, 26) }
```

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

```
.background{ background-color: rgb(201, 64,  
26) }
```

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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