

Converting Colors

HunterLab(37.9536, 46.0179,
24.1924)

Have a look what the booklet for
HunterLab(37.9536, 46.0179,
24.1924) contains.

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Color

**HunterLab(37.9874, 45.9195,
24.2116)**

Conversions

Conversions Part 1

Format	Color
Hex	C33800
RGB	195, 56, 0
RGB Percent	76%, 22%, 0%
CMY	0.2353, 0.7804, 1.0000
CMYK	0.00, 0.71, 1.00, 0.24
HSL	17°, 100%, 38%
HSV	17°, 100%, 76%
XYZ	23.9198, 14.4304, 1.5246
YIQ	91.1770, 100.8200, 12.0520

Conversions

Conversions Part 2

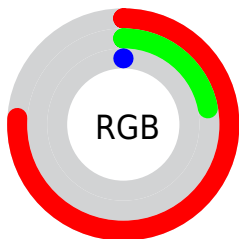
Format	Color
R_{YB}	195, 79, 0
Decimal	12793856
CIE Lab	44.85, 53.41, 56.70
CIE LCh	45, 77.896, 46.708
Yxy	14.4313, 0.5999, 0.3619
Android (android.graphics.Color)	4290983936 (0xFFC33800)
YUV	91.1770, -44.9503, 91.0528
Hunter-Lab	37.9874, 45.9195, 24.2116

Details

The HunterLab color **37.9874, 45.9195, 24.2116** 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 **47.3314, -10.8682, -35.6986**, and the grayscale version is **32.5462, -1.7366, 1.7683**.

A 20% lighter version of the original color is **57.3711, 47.8186, 32.3224**, and **22.1484, 37.9299, 14.3118** is the 20% darker color. If you saturate the color by 10%, you get **37.9884, 45.9159, 24.2121**, and if you desaturate by 10%, it is **40.0246, 40.6117, 24.4277**.

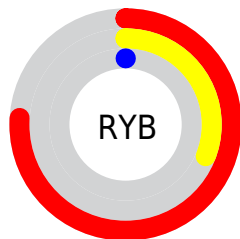
Distribution



Red (76%)

Green (22%)

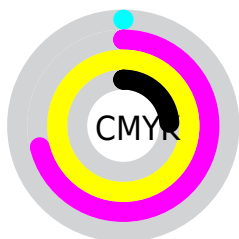
Blue (0%)



Red (76%)

Yellow (31%)

Blue (0%)

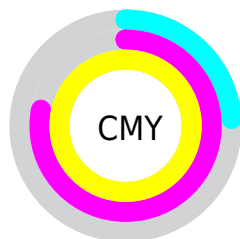


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (78%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 37.9874, 45.9195, 24.2116 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 37.9874, 45.9195, 24.2116 by changing the saturation by 10% instead.


 37.9874, 45.9195,
24.2116


 37.9874, 45.9195,
24.2116


 148.2895, 59.3177,
58.0236


 29.0194, 43.9350,
19.8307


 58.1828, 49.5986,
32.8860


 20.8942, 41.9278,
14.6259

 69.3052, 51.2789,
36.8939

 13.7118, 40.0791,
9.5983


 81.0580, 52.8532,
40.7251

 7.3239, 41.6763,
5.1267

 93.4089, 54.3264,
44.4064

0.0000, INF, NaN

0.0000, NaN, NaN

 106.3303, 55.7039,
47.9601


0.0000, NaN, NaN


 119.7981, 56.9915,

0.0000, NaN, NaN


51.4045


0.0000, NaN, NaN


 133.7908, 58.1945,
54.7548


 37.9874, 45.9195,
24.2116


 37.9874, 45.9195,
24.2116


 37.9884, 45.9159,
24.2121

 40.0246, 40.6117,
24.4277

 42.4963, 34.9550,
24.1198

 45.3798, 29.2370,
23.1569

 48.6350, 23.6419,
21.5955

 52.2205, 18.2844,
19.5184

■ 56.0971, 13.2238,
17.0105

■ 60.2292, 8.4810,
14.1481

■ 64.5862, 4.0520,
10.9951

■ 69.1417, -0.0808,
7.6033

Harmonies

Analogous

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



37.9885, 70.1059, 14.6594



37.9874, 45.9195, 24.2116



37.9885, 12.0969, 26.4272

Triad

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



37.9885, 45.9156, 24.2121



37.9885, -43.3202, 12.6059



37.9885, 15.9311, -96.2893

Complementary

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



37.9874, 45.9195, 24.2116



47.3314, -10.8682, -35.6986

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.



37.9885, -14.3516, -98.7737



37.9874, 45.9195, 24.2116



37.9885, -42.8695, -17.2292

Square

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



37.9885, 45.9156, 24.2121



37.9885, -35.4438, 23.6920



37.9885, -33.9328, -63.0580



37.9885, 49.4590, -57.7042

Rectangle

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



37.9874, 45.9195, 24.2116



37.9885, -8.5070, 26.5920



37.9885, -33.9328, -63.0580



37.9885, 4.9144, -102.0348

Sweetspot

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



37.9885, 45.9156, 24.2121



80.3399, 11.6363, 19.1220



36.7261, 68.0298, -16.0769



36.4680, 6.7020, 9.7398

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.9885, 45.9156, 24.2121



50.4783, 62.5111, 32.1988



58.5684, 0.6881, 36.1016



32.4633, -0.1561, 3.4506



30.8317, 36.4191, 19.6359



7.2973, 5.2173, 4.5879

Inverse Universe

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



47.3314, -10.8682, -35.6986



62.9881, -14.0160, -48.4732



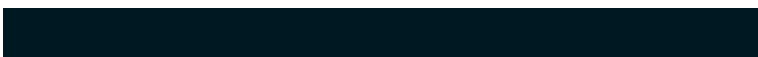
23.6936, 39.0496, -113.9115



33.0511, -3.2045, 0.0661



38.3539, -9.0517, -28.3990



8.6527, -2.8546, -4.6530

Previews

White Background



This preview shows how the HunterLab color 37.9874, 45.9195, 24.2116 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 37.9874, 45.9195, 24.2116 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 37.9874, 45.9195, 24.2116 Background



This preview shows how black text looks on a background with the HunterLab color 37.9874, 45.9195, 24.2116.



This preview shows how white text looks on a background with the HunterLab color 37.9874, 45.9195,

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

37.9874, 45.9195, 24.2116

Protanopia

38.1659, -5.2968, 22.2458

Deuteranopia

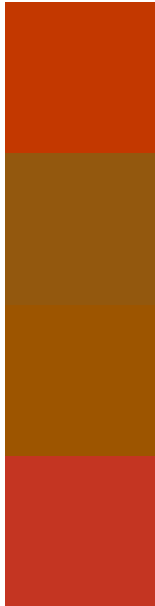
38.2801, 1.7567, 23.6188



Tritanopia

38.0238, 49.2173, 18.8498

Trichromacy



Original Color

37.9874, 45.9195, 24.2116

Protanomaly

36.3513, 12.9955, 21.9494

Deuteranomaly

36.9663, 18.1365, 23.0960

Tritanomaly

37.9440, 48.0386, 21.8572

Monochromacy



Original Color

37.9874, 45.9195, 24.2116

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.2822, 12.8520, 12.7652

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9874, 45.9195, 24.2116 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(195, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 56, 0)  
}
```

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(195, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 56, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9874, 45.9195, 24.2116 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(195, 56, 0) }
```


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

```
.border{ border-color:rgb(195, 56, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 56, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 56, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 56, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 56, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.9874, 45.9195, 24.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 56, 0) }
```

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

```
.background{ background-color: rgb(195, 56,  
0) }
```

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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