

Converting Colors

HunterLab(24.1310, 20.5194,
12.0766)

Have a look what the booklet for
HunterLab(24.1310, 20.5194,
12.0766) contains.

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Color

**HunterLab(24.0123, 20.6204,
11.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	742E1F
RGB	116, 46, 31
RGB Percent	45%, 18%, 12%
CMY	0.5451, 0.8196, 0.8784
CMYK	0.00, 0.60, 0.73, 0.55
HSL	11°, 58%, 29%
HSV	11°, 73%, 45%
XYZ	8.4268, 5.7659, 1.9651
YIQ	65.2200, 46.5350, 10.1750

Conversions

Conversions Part 2

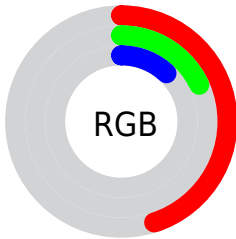
Format	Color
R_{YB}	116, 49, 31
Decimal	7613983
CIE Lab	28.81, 29.79, 24.80
CIE LCh	29, 38.762, 39.787
Yxy	5.7662, 0.5215, 0.3569
Android (android.graphics.Color)	4285804063 (0xFF742E1F)
YUV	65.2200, -16.8705, 44.5341
Hunter-Lab	24.0123, 20.6204, 11.9565

Details

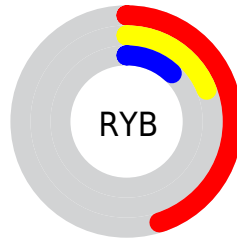
The HunterLab color **24.0123, 20.6204, 11.9565** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **32.9527, -12.3242, -9.6392**, and the grayscale version is **23.1145, -1.2333, 1.2559**.

A 20% lighter version of the original color is **41.9410, 22.9174, 16.5792**, and **10.1199, 17.3307, 6.5393** is the 20% darker color. If you saturate the color by 10%, you get **22.4737, 23.9583, 12.5945**, and if you desaturate by 10%, it is **25.8264, 17.1730, 11.0557**.

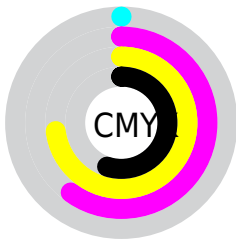
Distribution



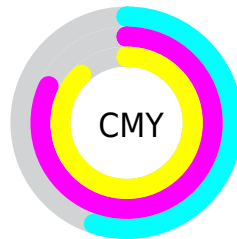
- Red (45%)
- Green (18%)
- Blue (12%)



- Red (45%)
- Yellow (19%)
- Blue (12%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0123, 20.6204, 11.9565 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 24.0123, 20.6204, 11.9565 by changing the saturation by 10% instead.

■ 24.0123, 20.6204,
11.9565

■ 24.0123, 20.6204,
11.9565

125.2909, 27.6989,
30.0496

■ 16.4422, 19.2475,
9.5849

■ 41.7662, 22.9356,
16.5377

■ 9.8942, 17.7627,
6.9259

■ 51.7958, 23.9017,
18.6379

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.5203, 24.7566,
20.6551

0.0000, NaN, NaN

■ 73.8971, 25.5114,
22.6100

0.0000, NaN, NaN

■ 85.8909, 26.1757,
24.5172

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.4714, 26.7573,

26.3876

0.0000, NaN, NaN

111.6124, 27.2631,
28.2296

24.0123, 20.6204,
11.9565

24.0123, 20.6204,
11.9565

22.4737, 23.9583,
12.5945

25.8264, 17.1730,
11.0557

21.2352, 27.0152,
12.9326

27.8825, 13.7490,
9.9479

20.5676, 28.7590,
13.1771

30.1501, 10.4258,
8.6857

32.6011, 7.2445,
7.3113

35.2109, 4.2204,
5.8563

■ 37.9588, 1.3525,
4.3431

■ 40.8273, -1.3683,
2.7875

■ 43.8022, -3.9557,
1.2000

■ 46.8715, -6.4242,
-0.4123

Harmonies

Analogous

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



24.0130, 27.9797, 4.9444



24.0123, 20.6204, 11.9565



24.0130, 7.7921, 14.5121

Triad

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



24.0130, 20.6185, 11.9569



24.0130, -20.2355, 8.0514



24.0130, 3.0303, -34.9218

Complementary

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



24.0123, 20.6204, 11.9565



32.9527, -12.3242, -9.6392

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.



24.0130, -9.1823, -32.5101



24.0123, 20.6204, 11.9565



24.0130, -20.9867, -3.0066

Square

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



24.0130, 20.6185, 11.9569



24.0130, -15.0480, 13.2117



24.0130, -17.3718, -18.9285



24.0130, 16.5136, -24.4192

Rectangle

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



24.0123, 20.6204, 11.9565



24.0130, -1.1914, 14.9241



24.0130, -17.3718, -18.9285



24.0130, -1.3736, -35.6834

Sweetspot

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



24.0130, 20.6185, 11.9569



46.9398, 5.3155, 7.6226



23.7675, 34.1280, -16.0067



22.5677, 2.9919, 3.9223



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



24.0130, 20.6185, 11.9569



28.6113, 34.6406, 17.0459



32.7669, 2.1024, 17.8820



19.4829, 0.0918, 1.8357



21.7387, 30.6210, 13.9313



47.0268, 70.6448, 30.2145

Inverse Universe

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



32.9527, -12.3242, -9.6392



41.8867, -16.2342, -15.5858



21.7131, 5.5612, -31.6408



20.1262, -2.1304, 0.3149



32.6841, -12.5701, -13.7170



71.3698, -26.7058, -31.5560

Previews

White Background



This preview shows how the HunterLab color 24.0123, 20.6204, 11.9565 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 24.0123, 20.6204, 11.9565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.0123, 20.6204, 11.9565 Background



This preview shows how black text looks on a background with the HunterLab color 24.0123, 20.6204, 11.9565.

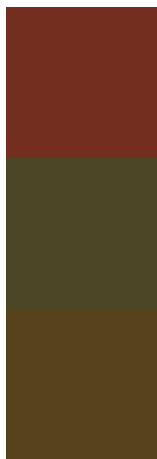


This preview shows how white text looks on a background with the HunterLab color 24.0123, 20.6204,

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

24.0123, 20.6204, 11.9565

Protanopia

24.3571, -2.6228, 10.4992

Deuteranopia

24.4008, 1.0720, 12.5349



Tritanopia

24.0593, 22.8131, 8.5973

Trichromacy



Original Color

24.0123, 20.6204, 11.9565

Protanomaly

23.8390, 5.3533, 10.8284

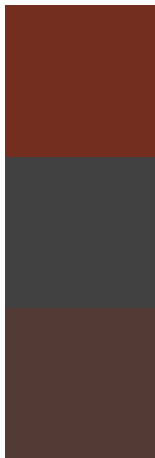
Deuteranomaly

23.9857, 7.9106, 12.2028

Tritanomaly

24.1221, 21.9780, 10.0925

Monochromacy



Original Color

24.0123, 20.6204, 11.9565

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.7332, 5.8511, 5.3261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0123, 20.6204, 11.9565 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(116, 46, 31)` looks like.

```
.text, #text, p{  
    color:rgb(116, 46, 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(116, 46, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 46, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0123, 20.6204, 11.9565 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(116, 46, 31) }
```


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

```
.border{ border-color:rgb(116, 46, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 46, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 46, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 46, 31);  
box-shadow:4px 4px 4px 4px rgb(116, 46,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.0123, 20.6204, 11.9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 46, 31) }
```

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

```
.background{ background-color: rgb(116, 46,  
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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