

Converting Colors

HunterLab(41.0607, 64.2169,
24.4877)

Have a look what the booklet for
HunterLab(41.0607, 64.2169,
24.4877) contains.

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Color

**HunterLab(41.0186, 64.0275,
24.4212)**

Conversions

Conversions Part 1

Format	Color
Hex	DF2020
RGB	223, 32, 32
RGB Percent	87%, 13%, 13%
CMY	0.1255, 0.8744, 0.8745
CMYK	0.00, 0.86, 0.86, 0.13
HSL	0°, 75%, 50%
HSV	0°, 86%, 87%
XYZ	31.2086, 16.8253, 2.9692
YIQ	89.1090, 113.8360, 40.4920

Conversions

Conversions Part 2

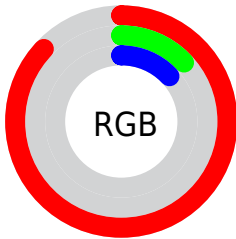
Format	Color
RYB	223, 32, 32
Decimal	14622752
CIELab	48.04, 68.91, 50.21
CIELCh	48, 85.264, 36.081
Yxy	16.8263, 0.6119, 0.3299
Android (android.graphics.Color)	4292812832 (0xFFDF2020)
YUV	89.1090, -28.1547, 117.4224
Hunter-Lab	41.0186, 64.0275, 24.4212

Details

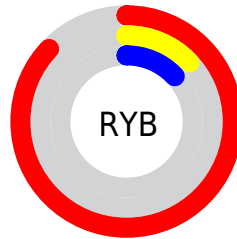
The HunterLab color **41.0186, 64.0275, 24.4212** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **76.4189, -39.6076, -7.7681**, and the grayscale version is **31.7218, -1.6926, 1.7235**.

A 20% lighter version of the original color is **55.6227, 54.1579, 27.3377**, and **26.9613, 46.1720, 17.4217** is the 20% darker color. If you saturate the color by 10%, you get **39.9001, 67.0238, 25.3457**, and if you desaturate by 10%, it is **43.1569, 58.6422, 22.7740**.

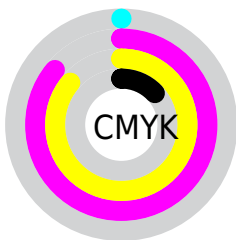
Distribution



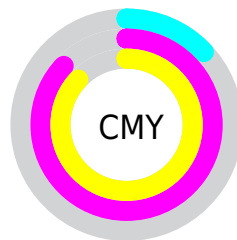
- Red (87%)
- Green (13%)
- Blue (13%)



- Red (87%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0186, 64.0275, 24.4212 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 41.0186, 64.0275, 24.4212 by changing the saturation by 10% instead.


 41.0186, 64.0275, 24.4212	 41.0186, 64.0275, 24.4212
153.0260, 81.3399, 54.4363	 31.7974, 61.7400, 20.2461
 61.6660, 68.4905, 32.0584	 23.3932, 59.5603, 16.3753
 72.9936, 70.6053, 35.5950	 15.8967, 57.7898, 11.1277
 84.9408, 72.6258, 38.9855	 9.4347, 57.3726, 6.6043
 97.4768, 74.5506, 42.2537	0.0000, INF, NaN
	0.0000, INF, NaN
 110.5753, 76.3810, 45.4186	0.0000, NaN, NaN
 124.2129, 78.1203,	0.0000, NaN, NaN


48.4960


0.0000, NaN, NaN


 138.3693, 79.7719,
51.4984


 41.0186, 64.0275,
24.4212

 41.0186, 64.0275,
24.4212


 39.9001, 67.0238,
25.3457

 43.1569, 58.6422,
22.7740

 39.6086, 67.8274,
25.5940

 46.3382, 51.3584,
20.5632

 50.4917, 42.9104,
18.0320

 55.4972, 33.9721,
15.3976

 61.2244, 25.0058,
12.8056

■ 67.5542, 16.2658,
10.3327

■ 74.3867, 7.8603,
8.0080

■ 81.6410, -0.1878,
5.8334

■ 89.2532, -7.8983,
3.7977

Harmonies

Analogous

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



41.0199, 83.6488, 8.2142



41.0186, 64.0275, 24.4212



41.0199, 27.3676, 28.2200

Triad

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



41.0199, 64.0225, 24.4219



41.0199, -46.0634, 20.1311



41.0199, 4.8664, -117.6002

Complementary

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



41.0186, 64.0275, 24.4212



76.4189, -39.6076, -7.7681

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.



41.0199, -25.2003, -102.7456



41.0186, 64.0275, 24.4212



41.0199, -48.6379, -4.8117

Square

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



41.0199, 64.0225, 24.4219



41.0199, -33.6805, 27.3073



41.0199, -42.3823, -52.8173



41.0199, 43.1164, -84.7269

Rectangle

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



41.0186, 64.0275, 24.4212



41.0199, 2.3107, 28.7139



41.0199, -42.3823, -52.8173



41.0199, -6.5064, -118.2314

Sweetspot

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



41.0199, 64.0225, 24.4219



78.2244, 19.4801, 12.1810



46.9559, 86.1050, -57.7077



34.9725, 10.6397, 6.0931

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.0199, 64.0225, 24.4219



46.1092, 78.9601, 29.7946



55.7677, 25.1437, 33.3511



37.0146, 1.3274, 3.1184



30.3722, 52.0097, 19.6257



7.9968, 13.6911, 5.1673

Inverse Universe

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



76.4189, -39.6076, -7.7681



88.7255, -47.0314, -9.3719



45.7634, 4.0435, -62.1760



39.4615, -5.2032, 1.1053



58.4432, -30.9795, -6.1730



15.3870, -8.1565, -1.6249

Previews

White Background



This preview shows how the HunterLab color 41.0186, 64.0275, 24.4212 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 41.0186, 64.0275, 24.4212 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 41.0186, 64.0275, 24.4212 Background



This preview shows how black text looks on a background with the HunterLab color 41.0186, 64.0275, 24.4212.



This preview shows how white text looks on a background with the HunterLab color 41.0186, 64.0275,

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

41.0186, 64.0275, 24.4212

Protanopia

41.3397, -4.8543, 20.8964

Deuteranopia

41.1789, 2.2591, 25.4138



Tritanopia

40.9996, 63.9541, 24.7025

Trichromacy



Original Color

41.0186, 64.0275, 24.4212

Protanomaly

38.0334, 21.7092, 20.1014

Deuteranomaly

38.4651, 26.6222, 23.6319

Tritanomaly

41.0058, 63.9778, 24.6116

Monochromacy



Original Color

41.0186, 64.0275, 24.4212

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.5513, 21.6797, 9.5445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0186, 64.0275, 24.4212 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(223, 32, 32)` looks like.

```
.text, #text, p{  
    color:rgb(223, 32, 32)  
}
```

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(223, 32, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 32, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0186, 64.0275, 24.4212 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(223, 32, 32) }
```


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

```
.border{ border-color:rgb(223, 32, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 32, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 32, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 32, 32);  
box-shadow:4px 4px 4px 4px rgb(223, 32,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0186, 64.0275, 24.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 32, 32) }
```

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

```
.background{ background-color: rgb(223, 32,  
32) }
```

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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