

Converting Colors

HunterLab(19.4944, 21.5201,
12.2739)

Have a look what the booklet for
HunterLab(19.4944, 21.5201,
12.2739) contains.

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Color

**HunterLab(19.4023, 21.5986,
12.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	671D01
RGB	103, 29, 1
RGB Percent	40%, 11%, 0%
CMY	0.5961, 0.8863, 0.9961
CMYK	0.00, 0.72, 0.99, 0.60
HSL	16°, 98%, 20%
HSV	16°, 99%, 40%
XYZ	6.0384, 3.7645, 0.4371
YIQ	47.9340, 53.0920, 6.9800

Conversions

Conversions Part 2

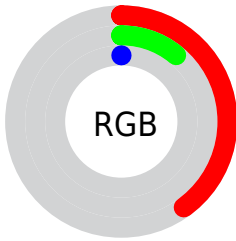
Format	Color
RYB	103, 40, 1
Decimal	6757633
CIELab	22.88, 31.93, 33.19
CIELCh	23, 46.059, 46.107
Yxy	3.7647, 0.5897, 0.3676
Android (android.graphics.Color)	4284947713 (0xFF671D01)
YUV	47.9340, -23.1385, 48.2929
Hunter-Lab	19.4023, 21.5986, 12.2460

Details

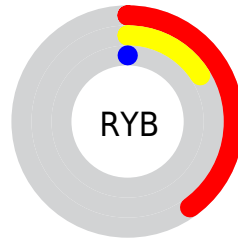
The HunterLab color **19.4023, 21.5986, 12.2460** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **24.5300, -6.7149, -16.0175**, and the grayscale version is **17.2330, -0.9195, 0.9363**.

A 20% lighter version of the original color is **36.2433, 24.0190, 18.1790**, and **8.0806, 13.8383, 5.2215** is the 20% darker color. If you saturate the color by 10%, you get **19.3064, 21.8300, 12.2787**, and if you desaturate by 10%, it is **20.4920, 19.0255, 12.0175**.

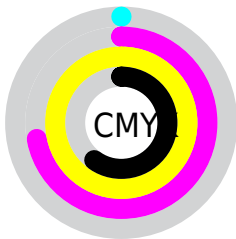
Distribution



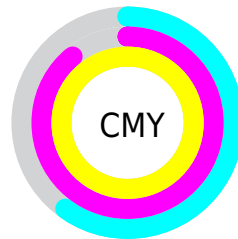
- Red (40%)
- Green (11%)
- Blue (0%)



- Red (40%)
- Yellow (16%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (99%)
- Black (60%)



- Cyan (60%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4023, 21.5986, 12.2460 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 19.4023, 21.5986, 12.2460 by changing the saturation by 10% instead.

■ 19.4023, 21.5986,
12.2460

■ 19.4023, 21.5986,
12.2460

■ 117.1063, 30.0165,
35.4445

■ 12.4211, 20.0726,
8.6948

■ 36.1610, 24.2641,
18.1960

■ 5.6444, 25.0990,
3.9511

■ 45.7543, 25.3959,
20.9803

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.0719, 26.4072,
23.6139

0.0000, NaN, NaN

■ 67.0661, 27.3097,
26.1308

0.0000, NaN, NaN

■ 78.6976, 28.1136,
28.5559

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.9331, 28.8279,


30.9076


0.0000, NaN, NaN


 103.7443, 29.4600,
33.2001


 19.4023, 21.5986,
12.2460


 19.4023, 21.5986,
12.2460

 19.3064, 21.8300,
12.2787

 20.4920, 19.0255,
12.0175

 21.7658, 16.3086,
11.6845

 23.2205, 13.5983,
11.0754

 24.8377, 10.9620,
10.2229

 26.5994, 8.4403,
9.1642

■ 28.4887, 6.0534,
7.9344

■ 30.4907, 3.8071,
6.5640

■ 32.5925, 1.6984,
5.0782

■ 34.7827, -0.2807,
3.4971

Harmonies

Analogous

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



19.4029, 32.5343, 6.9409



19.4023, 21.5986, 12.2460



19.4029, 5.9207, 13.5820

Triad

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



19.4029, 21.5967, 12.2463



19.4029, -20.9807, 6.2893



19.4029, 7.0831, -43.7321

Complementary

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



19.4023, 21.5986, 12.2460



24.5300, -6.7149, -16.0175

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.



19.4029, -7.1331, -44.4468



19.4023, 21.5986, 12.2460



19.4029, -20.8343, -7.5599

Square

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



19.4029, 21.5967, 12.2463



19.4029, -16.9784, 11.9774



19.4029, -16.4970, -28.2863



19.4029, 22.6546, -26.7288

Rectangle

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



19.4023, 21.5986, 12.2460



19.4029, -3.8404, 13.5820



19.4029, -16.4970, -28.2863



19.4029, 1.9367, -46.1552

Sweetspot

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



19.4029, 21.5967, 12.2463



40.2943, 5.6369, 9.1357



18.5048, 34.1932, -9.7896



19.4892, 3.2399, 4.7975



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



19.4029, 21.5967, 12.2463



25.4816, 30.2262, 16.2308



29.1660, 0.4260, 17.9210



17.1971, -0.1498, 1.7183



21.5279, 24.8504, 13.7004



47.8310, 60.6531, 30.5350

Inverse Universe

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



24.5300, -6.7149, -16.0175



32.3991, -8.4607, -22.2318



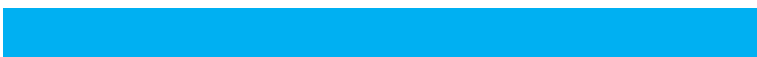
12.9324, 16.0715, -50.5789



17.5062, -1.6442, 0.1511



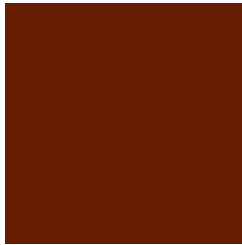
27.3058, -7.3066, -18.3570



61.1343, -14.8983, -44.2514

Previews

White Background



This preview shows how the HunterLab color 19.4023, 21.5986, 12.2460 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

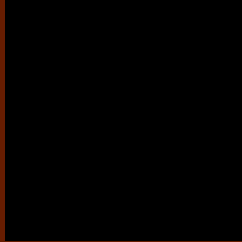
Any Text WCAG AA × Fail

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 19.4023, 21.5986, 12.2460 Background



This preview shows how black text looks on a background with the HunterLab color 19.4023, 21.5986, 12.2460.



This preview shows how white text looks on a background with the HunterLab color 19.4023, 21.5986,

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

19.4023, 21.5986, 12.2460

Protanopia

19.7779, -2.7484, 11.0962

Deuteranopia

19.9447, 0.1591, 12.2926



Tritanopia

19.3682, 23.2001, 8.9777

Trichromacy



Original Color

19.4023, 21.5986, 12.2460

Protanomaly

18.9505, 6.0463, 11.0643

Deuteranomaly

19.2763, 7.9891, 12.0179

Tritanomaly

19.3849, 22.4117, 10.5869

Monochromacy



Original Color

19.4023, 21.5986, 12.2460

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.0697, 5.9348, 6.1195

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4023, 21.5986, 12.2460 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(103, 29, 1)` looks like.

```
.text, #text, p{  
    color:rgb(103, 29, 1)  
}
```

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(103, 29, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 29, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4023, 21.5986, 12.2460 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(103, 29, 1) }
```


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

```
.border{ border-color:rgb(103, 29, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 29, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 29, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 29, 1);  
box-shadow:4px 4px 4px 4px rgb(103, 29, 1)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4023, 21.5986, 12.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 29, 1) }
```

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

```
.background{ background-color: rgb(103, 29,  
1) }
```

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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