

Converting Colors

HunterLab(21.7247, 32.0270,
12.2827)

Have a look what the booklet for
HunterLab(21.7247, 32.0270,
12.2827) contains.

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Color

**HunterLab(21.7341, 31.9293,
12.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	7B1313
RGB	123, 19, 19
RGB Percent	48%, 7%, 7%
CMY	0.5176, 0.9255, 0.9255
CMYK	0.00, 0.85, 0.85, 0.52
HSL	0°, 73%, 28%
HSV	0°, 85%, 48%
XYZ	8.5188, 4.7237, 1.0789
YIQ	50.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

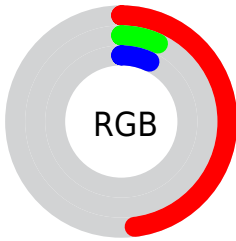
Format	Color
R_{YB}	123, 19, 19
Decimal	8065811
CIE Lab	25.93, 43.01, 29.34
CIE LCh	26, 52.068, 34.300
Yxy	4.7240, 0.5948, 0.3298
Android (android.graphics.Color)	4286255891 (0xFF7B1313)
YUV	50.0960, -15.3303, 63.9368
Hunter-Lab	21.7341, 31.9293, 12.2707

Details

The HunterLab color **21.7341, 31.9293, 12.2707** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **39.6638, -20.2432, -3.9247**, and the grayscale version is **17.9283, -0.9566, 0.9741**.

A 20% lighter version of the original color is **38.9749, 35.3433, 17.7020**, and **10.7622, 18.4306, 6.9543** is the 20% darker color. If you saturate the color by 10%, you get **20.9076, 34.0845, 12.9342**, and if you desaturate by 10%, it is **23.0382, 28.7773, 11.3100**.

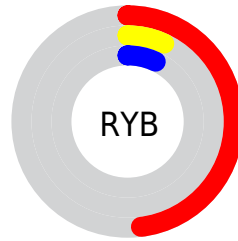
Distribution



Red (48%)

Green (7%)

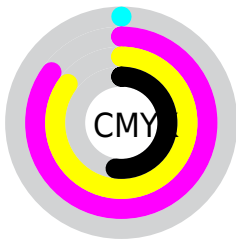
Blue (7%)



Red (48%)

Yellow (7%)

Blue (7%)

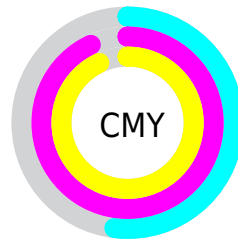


Cyan (0%)

Magenta (85%)

Yellow (85%)

Black (52%)



Cyan (52%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7341, 31.9293, 12.2707 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 21.7341, 31.9293, 12.2707 by changing the saturation by 10% instead.

■ 21.7341, 31.9293,
12.2707

■ 21.7341, 31.9293,
12.2707

■ 121.2958, 43.8384,
33.1631

■ 14.4439, 30.1288,
10.1107

■ 39.0123, 35.3419,
17.7023

■ 8.1048, 29.4027,
5.6734

■ 48.8326, 36.8763,
20.1564

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.3616, 38.2920,
22.4937

0.0000, NaN, NaN

■ 70.5544, 39.5956,
24.7412

0.0000, NaN, NaN

■ 82.3737, 40.7947,
26.9189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.7880, 41.8970,

29.0414

0.0000, NaN, NaN

107.7700, 42.9095,
31.1199

21.7341, 31.9293,
12.2707

21.7341, 31.9293,
12.2707

20.9076, 34.0845,
12.9342

23.0382, 28.7773,
11.3100

20.5211, 35.1402,
13.2602

24.8234, 24.8829,
10.1338

27.0458, 20.5787,
8.8518

29.6476, 16.1349,
7.5502

32.5714, 11.7257,
6.2834

■ 35.7657, 7.4428,
5.0783

■ 39.1878, 3.3230,
3.9443

■ 42.8029, -0.6288,
2.8805

■ 46.5833, -4.4233,
1.8813

Harmonies

Analogous

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



21.7348, 40.6195, 3.3353



21.7341, 31.9293, 12.2707



21.7348, 14.4574, 15.2143

Triad

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



21.7348, 31.9268, 12.2711



21.7348, -23.0672, 10.6512



21.7348, 1.2802, -55.9521

Complementary

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



21.7341, 31.9293, 12.2707



39.6638, -20.2432, -3.9247

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.



21.7348, -13.3262, -47.6929



21.7341, 31.9293, 12.2707



21.7348, -24.6844, -1.2145

Square

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



21.7348, 31.9268, 12.2711



21.7348, -16.3614, 14.8902



21.7348, -21.7188, -23.7704



21.7348, 19.8700, -41.7136

Rectangle

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



21.7341, 31.9293, 12.2707



21.7348, 2.0959, 15.2143



21.7348, -21.7188, -23.7704



21.7348, -4.2365, -55.7615

Sweetspot

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



21.7348, 31.9268, 12.2711



47.3920, 10.5588, 6.9626



24.7118, 43.2625, -28.9744



22.3850, 5.9249, 3.6030



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



21.7348, 31.9268, 12.2711



27.4610, 47.0250, 17.7446



29.6048, 11.7365, 17.2139



20.0377, 0.5520, 1.6322



20.8721, 35.7413, 13.4870



45.5851, 78.0633, 29.4560

Inverse Universe

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



39.6638, -20.2432, -3.9247



52.8429, -28.0119, -5.5795



24.6475, 1.0216, -29.8708



21.2424, -2.6626, 0.6414



40.1638, -21.2907, -4.2406



87.7196, -46.4997, -9.2623

Previews

White Background



This preview shows how the HunterLab color 21.7341, 31.9293, 12.2707 looks on a white background.

Color Contrast Check

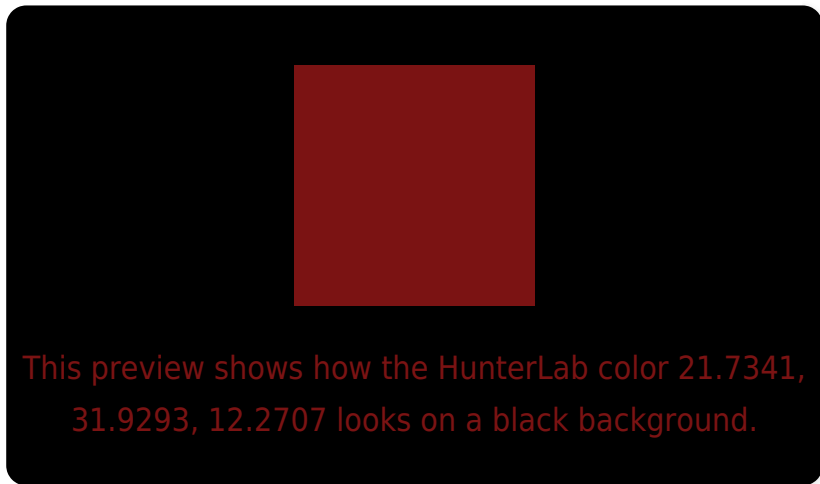
Large Text (above 18pt) WCAG AA ✓ Pass

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

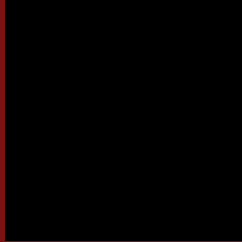
Any Text WCAG AA × Fail

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 21.7341, 31.9293, 12.2707 Background



This preview shows how black text looks on a background with the HunterLab color 21.7341, 31.9293, 12.2707.



This preview shows how white text looks on a background with the HunterLab color 21.7341, 31.9293,

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

21.7341, 31.9293, 12.2707

Protanopia

22.5834, -2.6387, 10.6449

Deuteranopia

22.2198, 0.6727, 13.7035



Tritanopia

21.7264, 31.8988, 12.3845

Trichromacy



Original Color

21.7341, 31.9293, 12.2707

Protanomaly

20.8857, 10.1126, 10.2725

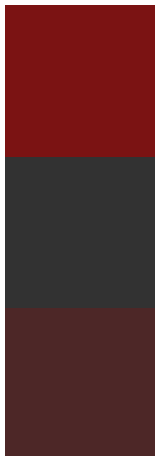
Deuteranomaly

20.9258, 12.8597, 12.5500

Tritanomaly

21.7264, 31.8988, 12.3845

Monochromacy



Original Color

21.7341, 31.9293, 12.2707

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.8194, 10.4104, 4.7759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7341, 31.9293, 12.2707 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(123, 19, 19)` looks like.

```
.text, #text, p{  
    color:rgb(123, 19, 19)  
}
```

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(123, 19, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 19, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7341, 31.9293, 12.2707 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(123, 19, 19) }
```


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

```
.border{ border-color:rgb(123, 19, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 19, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 19, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 19, 19);  
box-shadow:4px 4px 4px 4px rgb(123, 19,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7341, 31.9293, 12.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 19, 19) }
```

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

```
.background{ background-color: rgb(123, 19,  
19) }
```

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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