

Converting Colors

HunterLab(13.2216, 20.1057,
-1.9606)

Have a look what the booklet for
HunterLab(13.2216, 20.1057,
-1.9606) contains.

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Color

**HunterLab(13.2193, 20.1595,
-1.7521)**

Conversions

Conversions Part 1

Format	Color
Hex	48092B
RGB	72, 9, 43
RGB Percent	28%, 4%, 17%
CMY	0.7176, 0.9647, 0.8314
CMYK	0.00, 0.87, 0.40, 0.72
HSL	328°, 78%, 16%
HSV	328°, 87%, 28%
XYZ	3.2062, 1.7475, 2.4538
YIQ	31.7130, 26.6340, 23.9300

Conversions

Conversions Part 2

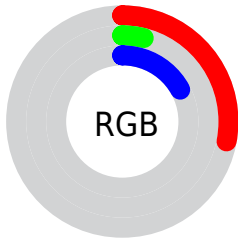
Format	Color
R_{YB}	72, 9, 43
Decimal	4720939
CIE _{Lab}	14.10, 31.80, -4.59
CIE _{LCh}	14, 32.133, 351.785
Yxy	1.7476, 0.4328, 0.2359
Android (android.graphics.Color)	4282911019 (0xFF48092B)
YUV	31.7130, 5.5645, 35.3317
Hunter-Lab	13.2193, 20.1595, -1.7521




Details

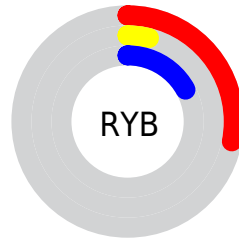
The HunterLab color **13.2193, 20.1595, -1.7521** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **21.9836, -15.8987, 8.3214**, and the grayscale version is **11.9063, -0.6353, 0.6469**.




A 20% lighter version of the original color is **28.4914, 23.0502, -1.2529**, and **3.3190, 5.6839, 2.1447** is the 20% darker color. If you saturate the color by 10%, you get **12.5218, 21.8464, -1.2748**, and if you desaturate by 10%, it is **13.9790, 18.4434, -2.1647**.

Distribution







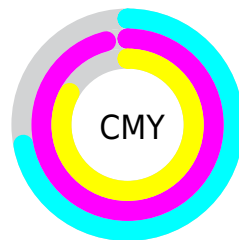
-  Red (28%)
-  Green (4%)
-  Blue (17%)






-  Red (28%)
-  Yellow (4%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (87%)
-  Yellow (40%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (96%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2193, 20.1595, -1.7521 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 13.2193, 20.1595, -1.7521 by changing the saturation by 10% instead.

13.2193, 20.1595,
-1.7521

13.2193, 20.1595,
-1.7521

105.3518, 29.3798,
1.1094

6.7394, 21.6781,
-2.4573

28.3860, 23.0474,
-1.5350

0.0000, INF, NaN

0.0000, NaN, NaN

37.2953, 24.2890,
-1.3142

0.0000, NaN, NaN

46.9802, 25.3998,
-1.0321

0.0000, NaN, NaN

0.0000, NaN, NaN

57.3830, 26.3917,
-0.6954

0.0000, NaN, NaN


68.4573, 27.2762,
-0.3092


0.0000, NaN, NaN


0.0000, NaN, NaN


80.1644, 28.0635,


0.1224


 92.4719, 28.7622,
0.5962


 13.2193, 20.1595,
-1.7521


 13.2193, 20.1595,
-1.7521


 12.5218, 21.8464,
-1.2748


 13.9790, 18.4434,
-2.1647

 12.3419, 22.3150,
-1.1649

 14.9458, 16.2991,
-2.3102

 16.1048, 13.8622,
-2.2084

 17.4342, 11.2580,
-1.8965

 18.9117, 8.5793,
-1.4139

■ 20.5172, 5.8865,
-0.7960

■ 22.2330, 3.2151,
-0.0721

■ 24.0442, 0.5834,
0.7347

■ 25.9383, -2.0015,
1.6071

Harmonies

Analogous

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



13.2197, 15.0984, -13.3211



13.2193, 20.1595, -1.7521



13.2197, 18.5978, 5.3688

Triad

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



13.2197, 20.1584, -1.7517



13.2197, -6.3391, 9.2538



13.2197, -9.5155, -18.7747

Complementary

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



13.2193, 20.1595, -1.7521



21.9836, -15.8987, 8.3214

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.



13.2197, -12.9329, -6.6182



13.2193, 20.1595, -1.7521



13.2197, -11.4159, 7.8625

Square

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



13.2197, 20.1584, -1.7517



13.2197, 1.7602, 9.2538



13.2197, -13.5806, 2.7901



13.2197, -3.0038, -26.5455

Rectangle

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



13.2193, 20.1595, -1.7521



13.2197, 14.1542, 8.3433



13.2197, -13.5806, 2.7901



13.2197, -10.9777, -14.7989

Sweetspot

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



13.2197, 20.1584, -1.7517



27.1686, 7.6071, -1.0100



10.3112, 17.3237, -28.5958



13.8384, 4.2353, -0.5983



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



13.2197, 20.1584, -1.7517



16.2373, 29.2744, -0.8832



12.6495, 17.9041, 6.4544



12.3513, 0.4488, 0.3335



17.1502, 30.9052, -0.8159



42.1185, 75.4933, 1.1383

Inverse Universe

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



13.2197, 20.1584, -1.7517



16.2373, 29.2744, -0.8832



22.6288, -11.9950, -0.9542



12.3513, 0.4488, 0.3335



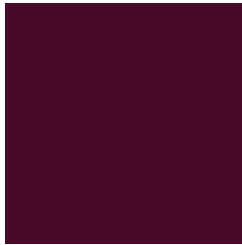
17.1502, 30.9052, -0.8159



42.1185, 75.4933, 1.1383

Previews

White Background



This preview shows how the HunterLab color 13.2193, 20.1595, -1.7521 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 13.2193, 20.1595, -1.7521 Background



This preview shows how black text looks on a background with the HunterLab color 13.2193, 20.1595, -1.7521.



This preview shows how white text looks on a background with the HunterLab color 13.2193, 20.1595, -1.7521.

-1.7521.

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

13.2193, 20.1595, -1.7521

Protanopia

14.1014, 1.1980, -9.2641

Deuteranopia

14.0306, 0.8834, 0.1779



Tritanopia

13.6101, 14.8584, 5.9627

Trichromacy



Original Color

13.2193, 20.1595, -1.7521

Protanomaly

12.6811, 7.9306, -8.3647

Deuteranomaly

13.0416, 8.1146, -1.3589

Tritanomaly

13.2856, 16.7741, 3.5774

Monochromacy



Original Color

13.2193, 20.1595, -1.7521

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.7685, 6.9701, -1.0351

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2193, 20.1595, -1.7521 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(72, 9, 43)` looks like.

```
.text, #text, p{  
    color:rgb(72, 9, 43)  
}
```

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(72, 9, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 9, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2193, 20.1595, -1.7521 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(72, 9, 43) }
```


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

```
.border{ border-color:rgb(72, 9, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 9, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 9, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 9, 43); box-shadow:4px  
4px 4px 4px rgb(72, 9, 43) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.2193, 20.1595, -1.7521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 9, 43) }
```

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

```
.background{ background-color: rgb(72, 9,  
43) }
```

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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