

Converting Colors

HunterLab(17.0291, 32.0192,
-3.0400)

Have a look what the booklet for
HunterLab(17.0291, 32.0192,
-3.0400) contains.

HunterLab(17.1992, 31.2303, -2.6545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.1992, 31.2303,
-2.6545)**

Conversions

Conversions Part 1

Format	Color
Hex	63003A
RGB	99, 0, 58
RGB Percent	39%, 0%, 23%
CMY	0.6118, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.41, 0.61
HSL	325°, 100%, 19%
HSV	325°, 100%, 39%
XYZ	5.9093, 2.9581, 4.2625
YIQ	36.2130, 40.3860, 39.0260

Conversions

Conversions Part 2

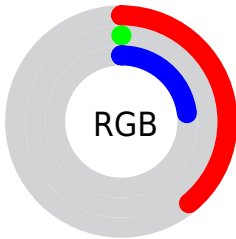
Format	Color
R_{YB}	99, 0, 58
Decimal	6488122
CIE _{Lab}	19.88, 43.44, -6.05
CIE _{LCh}	20, 43.860, 352.065
Yxy	2.9583, 0.4501, 0.2253
Android (android.graphics.Color)	4284678202 (0xFF63003A)
YUV	36.2130, 10.7410, 55.0642
Hunter-Lab	17.1992, 31.2303, -2.6545

Details

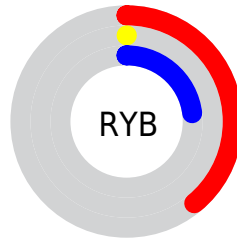
The HunterLab color **17.1992, 31.2303, -2.6545** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30.1394, -23.9472, 14.0244**, and the grayscale version is **13.3092, -0.7101, 0.7231**.

A 20% lighter version of the original color is **33.5074, 34.8275, -2.3914**, and **8.4416, 14.8650, 2.2877** is the 20% darker color. If you saturate the color by 10%, you get **17.1991, 31.2300, -2.6532**, and if you desaturate by 10%, it is **17.9349, 29.5774, -3.5447**.

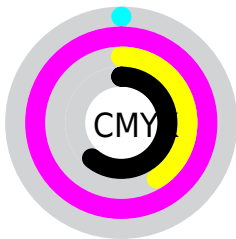
Distribution



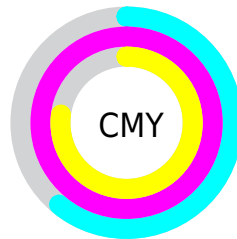
- Red (39%)
- Green (0%)
- Blue (23%)



- Red (39%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1992, 31.2303, -2.6545 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 17.1992, 31.2303, -2.6545 by changing the saturation by 10% instead.

■ 17.1992, 31.2303,
-2.6545

■ 17.1992, 31.2303,
-2.6545

■ 113.0389, 43.8132,
-0.1264

■ 10.5356, 29.5130,
-2.5884

■ 33.4312, 34.7733,
-2.5105

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.7962, 36.3962,
-2.3285

0.0000, NaN, NaN

■ 52.9018, 37.8990,
-2.0850

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.6974, 39.2854,
-1.7865

0.0000, NaN, NaN

■ 75.1413, 40.5626,
-1.4377

0.0000, NaN, NaN

■ 87.1987, 41.7381,

0.0000, NaN, NaN

-1.0427

■ 99.8398, 42.8195,
-0.6047

■ 17.1992, 31.2303,
-2.6545

■ 17.1992, 31.2303,
-2.6545

■ 17.1991, 31.2300,
-2.6532

■ 17.9349, 29.5774,
-3.5447

■ 18.8200, 27.5925,
-4.2559

■ 20.0311, 24.8060,
-4.5211

■ 21.5493, 21.4381,
-4.3666

■ 23.3436, 17.7099,
-3.8529

■ 25.3792, 13.7982,
-3.0504

■ 27.6226, 9.8246,
-2.0244

■ 30.0442, 5.8630,
-0.8283

■ 32.6186, 1.9531,
0.4968

Harmonies

Analogous

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



17.1997, 23.3725, -20.8338



17.1992, 31.2303, -2.6545



17.1997, 28.6711, 7.6557

Triad

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



17.1997, 31.2286, -2.6539



17.1997, -9.2877, 12.0398



17.1997, -13.6762, -30.0539

Complementary

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



17.1992, 31.2303, -2.6545



30.1394, -23.9472, 14.0244

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.



17.1997, -18.4111, -10.5104



17.1992, 31.2303, -2.6545



17.1997, -16.4480, 10.2791

Square

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



17.1997, 31.2286, -2.6539



17.1997, 2.6449, 12.0398



17.1997, -19.2493, 3.8880



17.1997, -4.2138, -42.7327

Rectangle

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



17.1992, 31.2303, -2.6545



17.1997, 21.6682, 10.8628



17.1997, -19.2493, 3.8880



17.1997, -15.7429, -23.5969

Sweetspot

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



17.1997, 31.2286, -2.6539



35.9155, 13.3177, -2.7772



11.5942, 27.6213, -52.7369



17.0949, 7.2125, -1.5492



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



17.1997, 31.2286, -2.6539



22.4818, 40.7417, -2.8438



16.3539, 28.1367, 9.5384



16.1624, 0.7424, 0.3213



19.6164, 35.5827, -2.7422



45.1428, 81.5304, -3.5575

Inverse Universe

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



17.1997, 31.2286, -2.6539



22.4818, 40.7417, -2.8438



31.0591, -18.3229, 0.7336



16.1624, 0.7424, 0.3213



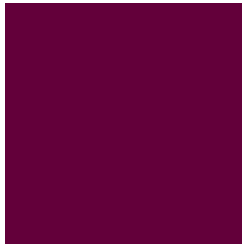
19.6164, 35.5827, -2.7422



45.1428, 81.5304, -3.5575

Previews

White Background



This preview shows how the HunterLab color 17.1992, 31.2303, -2.6545 looks on a white background.

Color Contrast Check

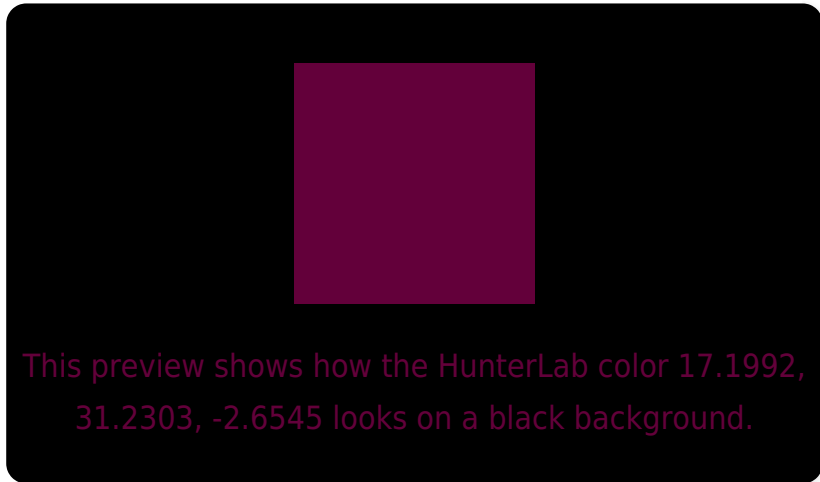
Large Text (above 18pt) WCAG AA ✓ Pass

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

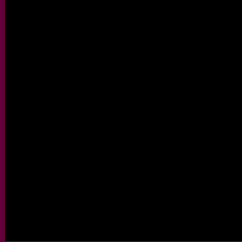
Any Text WCAG AA × Fail

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 17.1992, 31.2303, -2.6545 Background



This preview shows how black text looks on a background with the HunterLab color 17.1992, 31.2303, -2.6545.



This preview shows how white text looks on a background with the HunterLab color 17.1992, 31.2303, -2.6545.

-2.6545.

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

17.1992, 31.2303, -2.6545

Protanopia

18.5561, 2.3514, -14.6727

Deuteranopia

18.6407, 0.7082, 0.3980



Tritanopia

17.9447, 22.3220, 8.5930

Trichromacy



Original Color

17.1992, 31.2303, -2.6545

Protanomaly

15.8730, 13.5719, -14.1806

Deuteranomaly

16.3908, 13.5550, -2.7372

Tritanomaly

17.5091, 25.6976, 5.5871

Monochromacy



Original Color

17.1992, 31.2303, -2.6545

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1318, 11.8804, -2.4589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1992, 31.2303, -2.6545 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(99, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 58)  
}
```

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(99, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1992, 31.2303, -2.6545 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(99, 0, 58) }
```


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

```
.border{ border-color:rgb(99, 0, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 58); box-shadow:4px  
4px 4px 4px rgb(99, 0, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.1992, 31.2303, -2.6545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 58) }
```

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

```
.background{ background-color: rgb(99, 0,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor