

Converting Colors

HunterLab(19.7523, 31.7434,
9.7184)

Have a look what the booklet for
HunterLab(19.7523, 31.7434,
9.7184) contains.

HunterLab(19.7858, 31.7230, 9.8188)	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(19.7858, 31.7230,
9.8188)**

Conversions

Conversions Part 1

Format	Color
Hex	73091A
RGB	115, 9, 26
RGB Percent	45%, 4%, 10%
CMY	0.5490, 0.9647, 0.8980
CMYK	0.00, 0.92, 0.77, 0.55
HSL	350°, 85%, 24%
HSV	350°, 92%, 45%
XYZ	7.3543, 3.9148, 1.3453
YIQ	42.6320, 57.7190, 27.7590

Conversions

Conversions Part 2

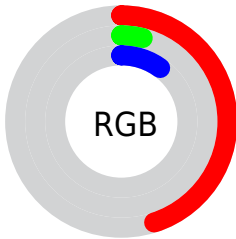
Format	Color
RYB	115, 9, 26
Decimal	7538970
CIELab	23.39, 43.28, 21.67
CIElCh	23, 48.408, 26.599
Yxy	3.9150, 0.5830, 0.3104
Android (android.graphics.Color)	4285729050 (0xFF73091A)
YUV	42.6320, -8.1996, 63.4667
Hunter-Lab	19.7858, 31.7230, 9.8188

Details

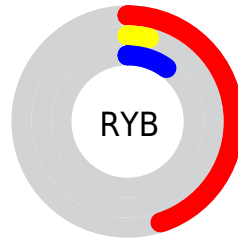
The HunterLab color **19.7858, 31.7230, 9.8188** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36.3340, -22.0783, 3.1416**, and the grayscale version is **15.4371, -0.8237, 0.8387**.

A 20% lighter version of the original color is **36.6717, 34.9994, 14.1069**, and **9.8013, 16.7851, 6.3334** is the 20% darker color. If you saturate the color by 10%, you get **19.2091, 33.1310, 10.5925**, and if you desaturate by 10%, it is **20.7091, 29.6343, 8.5794**.

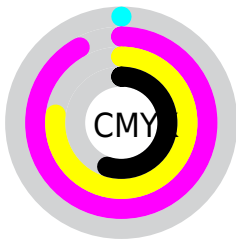
Distribution



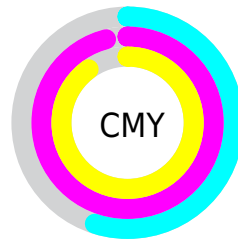
- Red (45%)
- Green (4%)
- Blue (10%)



- Red (45%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (92%)
- Yellow (77%)
- Black (55%)



- Cyan (55%)
- Magenta (96%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7858, 31.7230, 9.8188 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 19.7858, 31.7230, 9.8188 by changing the saturation by 10% instead.

■ 19.7858, 31.7230,
9.8188

■ 19.7858, 31.7230,
9.8188

■ 117.8030, 43.9480,
26.4951

■ 12.7520, 29.9381,
8.4684

■ 36.6325, 35.2018,
14.0571

■ 6.1248, 34.5199,
4.2873

■ 46.2641, 36.7768,
15.9879

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.6173, 38.2322,
17.8408

0.0000, NaN, NaN

■ 67.6450, 39.5736,
19.6368

0.0000, NaN, NaN

■ 79.3080, 40.8086,
21.3909


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.5736, 41.9446,


23.1136


0.0000, NaN, NaN


 104.4135, 42.9889,
24.8130


 19.7858, 31.7230,
9.8188


 19.7858, 31.7230,
9.8188

 19.2091, 33.1310,
10.5925

 20.7091, 29.6343,
8.5794

 22.0689, 26.6255,
7.3098

 23.8444, 22.9638,
6.1168

 25.9916, 18.9345,
5.0683

 28.4597, 14.7598,
4.1938

■ 31.2000, 10.5826,
3.4949

■ 34.1701, 6.4807,
2.9584

■ 37.3347, 2.4881,
2.5648

■ 40.6652, -1.3863,
2.2939

Harmonies

Analogous

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



19.7864, 36.5395, -0.6128



19.7858, 31.7230, 9.8188



19.7864, 17.3611, 13.8505

Triad

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



19.7864, 31.7206, 9.8192



19.7864, -19.7754, 10.9853



19.7864, -2.7315, -50.1942

Complementary

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



19.7858, 31.7230, 9.8188



36.3340, -22.0783, 3.1416

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.



19.7864, -14.5126, -37.9889



19.7858, 31.7230, 9.8188



19.7864, -22.3363, 2.6298

Square

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



19.7864, 31.7206, 9.8192



19.7864, -12.3421, 13.8505



19.7864, -20.7426, -15.4720



19.7864, 13.5112, -42.2218

Rectangle

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



19.7858, 31.7230, 9.8188



19.7864, 6.0475, 13.8505



19.7864, -20.7426, -15.4720



19.7864, -7.2816, -48.1779

Sweetspot

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



19.7864, 31.7206, 9.8192



43.0813, 12.2655, 4.4075



19.9831, 37.8996, -35.1463



20.3788, 6.9367, 2.2873



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.7864, 31.7206, 9.8192



25.6773, 44.2318, 14.5868



23.4338, 20.1796, 14.1383



19.2602, 0.6383, 1.2396



20.5329, 35.4026, 11.4120



45.2317, 77.8002, 26.5958

Inverse Universe

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



19.7864, 31.7206, 9.8192



25.6773, 44.2318, 14.5868



26.4294, -5.3779, -20.1943



19.2602, 0.6383, 1.2396



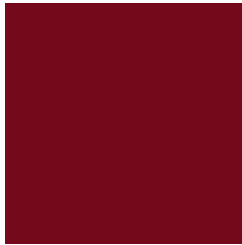
20.5329, 35.4026, 11.4120



45.2317, 77.8002, 26.5958

Previews

White Background



This preview shows how the HunterLab color 19.7858, 31.7230, 9.8188 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

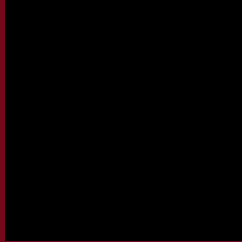
Any Text WCAG AA × Fail

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 19.7858, 31.7230, 9.8188 Background



This preview shows how black text looks on a background with the HunterLab color 19.7858, 31.7230, 9.8188.



This preview shows how white text looks on a background with the HunterLab color 19.7858, 31.7230,

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

19.7858, 31.7230, 9.8188

Protanopia

20.8911, -2.0019, 7.3905

Deuteranopia

20.7167, 0.6177, 11.0131



Tritanopia

19.8862, 30.4458, 11.9306

Trichromacy



Original Color

19.7858, 31.7230, 9.8188

Protanomaly

18.8159, 11.1753, 7.0212

Deuteranomaly

18.9306, 13.0258, 9.5156

Tritanomaly

19.8625, 30.8012, 11.3151

Monochromacy



Original Color

19.7858, 31.7230, 9.8188

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4232, 10.9491, 2.9670

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7858, 31.7230, 9.8188 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(115, 9, 26)` looks like.

```
.text, #text, p{  
    color:rgb(115, 9, 26)  
}
```

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(115, 9, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 9, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7858, 31.7230, 9.8188 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(115, 9, 26) }
```


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

```
.border{ border-color:rgb(115, 9, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 9, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 9, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 9, 26);  
box-shadow:4px 4px 4px 4px rgb(115, 9, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7858, 31.7230, 9.8188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 9, 26) }
```

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

```
.background{ background-color: rgb(115, 9,  
26) }
```

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