

Converting Colors

HunterLab(20.6190, 31.1713,
9.5234)

Have a look what the booklet for
HunterLab(20.6190, 31.1713,
9.5234) contains.

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Color

**HunterLab(20.6190, 31.1713,
9.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	75101F
RGB	117, 16, 31
RGB Percent	46%, 6%, 12%
CMY	0.5412, 0.9372, 0.8784
CMYK	0.00, 0.86, 0.74, 0.54
HSL	351°, 76%, 26%
HSV	351°, 86%, 46%
XYZ	7.7687, 4.2514, 1.7075
YIQ	47.9090, 55.3810, 26.0770

Conversions

Conversions Part 2

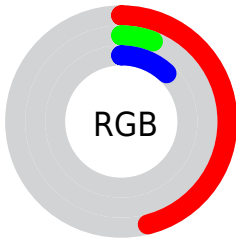
Format	Color
R_{YB}	117, 16, 31
Decimal	7671839
CIE _{Lab}	24.49, 42.48, 19.74
CIE _{LCh}	24, 46.844, 24.927
Yxy	4.2517, 0.5659, 0.3097
Android (android.graphics.Color)	4285861919 (0xFF75101F)
YUV	47.9090, -8.3361, 60.5928
Hunter-Lab	20.6190, 31.1713, 9.5234

Details

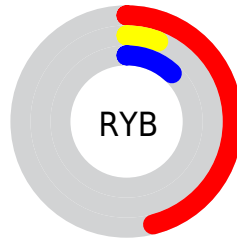
The HunterLab color **20.6190, 31.1713, 9.5234** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37.1379, -21.8595, 2.4294**, and the grayscale version is **17.1774, -0.9165, 0.9333**.

A 20% lighter version of the original color is **37.7580, 34.4605, 13.4170**, and **10.1199, 17.3307, 6.5393** is the 20% darker color. If you saturate the color by 10%, you get **19.8235, 33.0093, 10.6657**, and if you desaturate by 10%, it is **21.8141, 28.4668, 8.2473**.

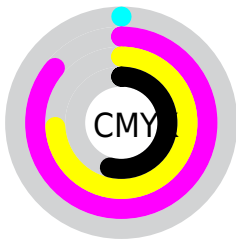
Distribution



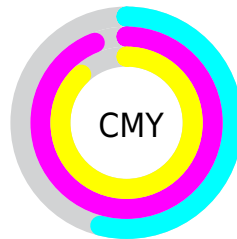
- Red (46%)
- Green (6%)
- Blue (12%)



- Red (46%)
- Yellow (6%)
- Blue (12%)



- Cyan (0%)
- Magenta (86%)
- Yellow (74%)
- Black (54%)



- Cyan (54%)
- Magenta (94%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6190, 31.1713, 9.5234 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 20.6190, 31.1713, 9.5234 by changing the saturation by 10% instead.

■ 20.6190, 31.1713,
9.5234

■ 20.6190, 31.1713,
9.5234

■ 119.3060, 43.0424,
25.0439

■ 13.4734, 29.3876,
7.8212

■ 37.6532, 34.5788,
13.4064

■ 7.0477, 30.7479,
4.9334

■ 47.3667, 36.1111,
15.1914

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.7961, 37.5238,
16.9130

0.0000, NaN, NaN

■ 68.8953, 38.8233,
18.5890

0.0000, NaN, NaN

■ 80.6261, 40.0175,
20.2322

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.9561, 41.1141,


21.8514


0.0000, NaN, NaN


 105.8575, 42.1202,
23.4536


 20.6190, 31.1713,
9.5234


 20.6190, 31.1713,
9.5234


 19.8235, 33.0093,
10.6657


 21.8141, 28.4668,
8.2473

 19.5538, 33.6994,
10.9849

 23.4486, 24.9726,
6.9882

 25.4850, 20.9880,
5.8362

 27.8728, 16.7731,
4.8405

 30.5600, 12.5077,
4.0166

■ 33.5000, 8.2963,
3.3586

■ 36.6536, 4.1893,
2.8502

■ 39.9886, 0.2040,
2.4720

■ 43.4792, -3.6604,
2.2050

Harmonies

Analogous

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



20.6196, 35.1313, -1.3904



20.6190, 31.1713, 9.5234



20.6196, 17.7115, 13.6537

Triad

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



20.6196, 31.1690, 9.5238



20.6196, -19.4632, 11.3466



20.6196, -3.5335, -47.3903

Complementary

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



20.6190, 31.1713, 9.5234



37.1379, -21.8595, 2.4294

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.



20.6196, -14.9205, -35.0616



20.6190, 31.1713, 9.5234



20.6196, -22.3282, 3.3540

Square

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



20.6196, 31.1690, 9.5238



20.6196, -11.6821, 14.4337



20.6196, -20.9342, -13.6683



20.6196, 12.1661, -40.9690

Rectangle

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



20.6190, 31.1713, 9.5234



20.6196, 6.7477, 14.4337



20.6196, -20.9342, -13.6683



20.6196, -7.9276, -45.1438

Sweetspot

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



20.6196, 31.1690, 9.5238



44.6840, 11.3000, 4.5221



21.1455, 37.7784, -33.4974



20.9099, 6.1336, 2.2719



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.



20.6196, 31.1690, 9.5238



26.1400, 44.9978, 15.0908



24.9364, 18.1305, 14.5166



19.2585, 0.6292, 1.2636



20.5209, 35.3581, 11.5895



45.2103, 77.7207, 26.9134

Inverse Universe

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



20.6196, 31.1690, 9.5238



26.1400, 44.9978, 15.0908



27.1607, -5.3656, -20.0955



19.2585, 0.6292, 1.2636



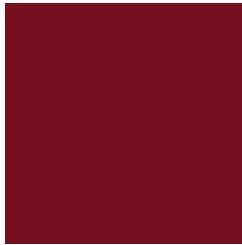
20.5209, 35.3581, 11.5895



45.2103, 77.7207, 26.9134

Previews

White Background



This preview shows how the HunterLab color 20.6190, 31.1713, 9.5234 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

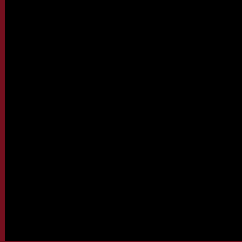
Any Text WCAG AA × Fail

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 20.6190, 31.1713, 9.5234 Background



This preview shows how black text looks on a background with the HunterLab color 20.6190, 31.1713, 9.5234.

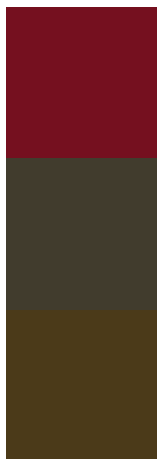


This preview shows how white text looks on a background with the HunterLab color 20.6190, 31.1713,

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

20.6190, 31.1713, 9.5234

Protanopia

21.3190, -1.5606, 6.2050

Deuteranopia

21.4293, 0.7335, 10.6729



Tritanopia

20.7155, 29.9086, 11.6505

Trichromacy



Original Color

20.6190, 31.1713, 9.5234

Protanomaly

19.5943, 10.7107, 6.1871

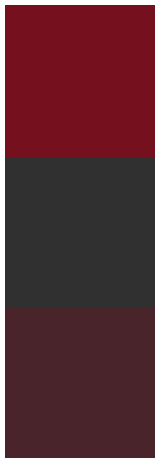
Deuteranomaly

19.9513, 12.3077, 9.4279

Tritanomaly

20.6794, 30.3368, 10.9496

Monochromacy



Original Color

20.6190, 31.1713, 9.5234

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8683, 10.6545, 2.8814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6190, 31.1713, 9.5234 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(117, 16, 31)` looks like.

```
.text, #text, p{  
    color:rgb(117, 16, 31)  
}
```

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(117, 16, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 16, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6190, 31.1713, 9.5234 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(117, 16, 31) }
```


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

```
.border{ border-color:rgb(117, 16, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 16, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 16, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 16, 31);  
box-shadow:4px 4px 4px 4px rgb(117, 16,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.6190, 31.1713, 9.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 16, 31) }
```

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

```
.background{ background-color: rgb(117, 16,  
31) }
```

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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