

Converting Colors

HunterLab(20.2150, 43.5747,
9.5775)

Have a look what the booklet for
HunterLab(20.2150, 43.5747,
9.5775) contains.

HunterLab(21.8194, 37.7960, 10.7690)	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(21.8194, 37.7960,
10.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	81001E
RGB	129, 0, 30
RGB Percent	51%, 0%, 12%
CMY	0.4941, 0.9999, 0.8824
CMYK	0.00, 1.00, 0.77, 0.49
HSL	346°, 100%, 25%
HSV	346°, 100%, 51%
XYZ	9.2876, 4.7609, 1.6577
YIQ	41.9910, 67.2540, 36.6780

Conversions

Conversions Part 2

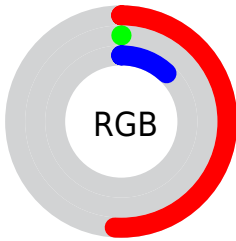
Format	Color
R_{YB}	129, 0, 30
Decimal	8454174
CIE _{Lab}	26.04, 49.08, 22.92
CIE _{LCh}	26, 54.166, 25.031
Yxy	4.7612, 0.5913, 0.3031
Android (android.graphics.Color)	4286644254 (0xFF81001E)
YUV	41.9910, -5.9116, 76.3069
Hunter-Lab	21.8194, 37.7960, 10.7690

Details

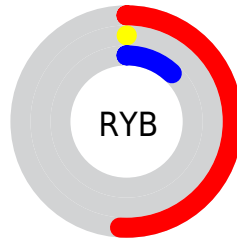
The HunterLab color **21.8194, 37.7960, 10.7690** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **40.7451, -27.0428, 7.4512**, and the grayscale version is **15.2191, -0.8121, 0.8269**.

A 20% lighter version of the original color is **38.9873, 41.5728, 14.8993**, and **11.5741, 19.8210, 7.4789** is the 20% darker color. If you saturate the color by 10%, you get **21.8192, 37.7954, 10.7709**, and if you desaturate by 10%, it is **22.5949, 36.1201, 9.3105**.

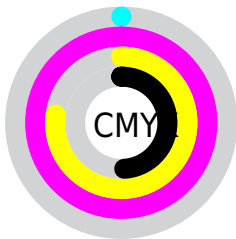
Distribution



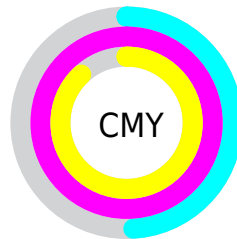
- Red (51%)
- Green (0%)
- Blue (12%)



- Red (51%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8194, 37.7960, 10.7690 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 21.8194, 37.7960, 10.7690 by changing the saturation by 10% instead.

21.8194, 37.7960,
10.7690

21.8194, 37.7960,
10.7690

121.4471, 51.5451,
27.9848

14.5183, 35.9185,
8.8088

39.1160, 41.5643,
15.1306

8.1794, 35.3310,
5.7255

48.9443, 43.3088,
17.1252

0.0000, INF, NaN

0.0000, NaN, NaN

59.4808, 44.9402,
19.0410

0.0000, NaN, NaN

70.6806, 46.4604,
20.8985

0.0000, NaN, NaN

0.0000, NaN, NaN


82.5067, 47.8747,
22.7122


0.0000, NaN, NaN


94.9273, 49.1894,


24.4928


0.0000, NaN, NaN


 107.9154, 50.4109,
26.2483


 21.8194, 37.7960,
10.7690


 21.8194, 37.7960,
10.7690


 21.8192, 37.7954,
10.7709

 22.5949, 36.1201,
9.3105

 23.7198, 33.6683,
7.7184

 25.3429, 30.1494,
6.2385

 27.4337, 25.8873,
4.9758

 29.9402, 21.2073,
3.9800

■ 32.8043, 16.3583,
3.2559

■ 35.9714, 11.4984,
2.7826

■ 39.3942, 6.7137,
2.5282

■ 43.0336, 2.0425,
2.4593

Harmonies

Analogous

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



21.8201, 42.7300, -1.7284



21.8194, 37.7960, 10.7690



21.8201, 21.3053, 15.1762

Triad

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



21.8201, 37.7933, 10.7695



21.8201, -22.2489, 12.6416



21.8201, -3.9670, -59.5018

Complementary

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



21.8194, 37.7960, 10.7690



40.7451, -27.0428, 7.4512

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.



21.8201, -17.1177, -43.7684



21.8194, 37.7960, 10.7690



21.8201, -25.3658, 3.7498

Square

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



21.8201, 37.7933, 10.7695



21.8201, -13.5092, 15.2741



21.8201, -23.8326, -16.8423



21.8201, 14.7307, -51.1684

Rectangle

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



21.8194, 37.7960, 10.7690



21.8201, 8.0879, 15.2741



21.8201, -23.8326, -16.8423



21.8201, -9.0948, -56.6394

Sweetspot

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



21.8201, 37.7933, 10.7695



47.8221, 15.8497, 3.7587



20.5730, 42.9317, -46.4253



22.0284, 8.6239, 1.8806



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.8201, 37.7933, 10.7695



29.1635, 50.4485, 14.9292



24.1554, 28.9431, 15.3901



20.8791, 0.7837, 1.1848



21.5463, 37.3252, 10.6161

0.0000, NaN, NaN

Inverse Universe

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



21.8201, 37.7933, 10.7695



29.1635, 50.4485, 14.9292



31.1421, -8.5341, -20.5005



20.8791, 0.7837, 1.1848

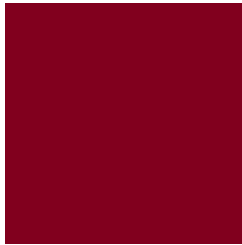


21.5463, 37.3252, 10.6161

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.8194, 37.7960, 10.7690 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

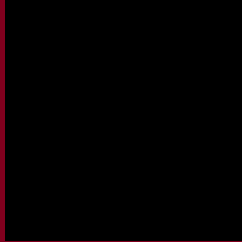
Any Text WCAG AA × Fail

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 21.8194, 37.7960, 10.7690 Background



This preview shows how black text looks on a background with the HunterLab color 21.8194, 37.7960, 10.7690.



This preview shows how white text looks on a background with the HunterLab color 21.8194, 37.7960,

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

21.8194, 37.7960, 10.7690

Protanopia

23.0596, -1.7897, 7.5320

Deuteranopia

23.0152, 1.1941, 12.2474



Tritanopia

22.2942, 34.9301, 13.8145

Trichromacy



Original Color

21.8194, 37.7960, 10.7690

Protanomaly

20.0359, 14.7346, 6.6635

Deuteranomaly

20.4301, 17.0771, 10.2188

Tritanomaly

22.0800, 35.9475, 13.0214

Monochromacy



Original Color

21.8194, 37.7960, 10.7690

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.4261, 14.2654, 2.7074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8194, 37.7960, 10.7690 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(129, 0, 30)` looks like.

```
.text, #text, p{  
    color:rgb(129, 0, 30)  
}
```

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(129, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 0, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8194, 37.7960, 10.7690 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(129, 0, 30) }
```


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

```
.border{ border-color:rgb(129, 0, 30) }
```

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

Here you see how a box with a 4 pixel rgb(129, 0, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 0, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 0, 30);  
box-shadow:4px 4px 4px 4px rgb(129, 0, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8194, 37.7960, 10.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 0, 30) }
```

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

```
.background{ background-color: rgb(129, 0,  
30) }
```

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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