

Converting Colors

HunterLab(20.1415, 34.8625,
10.1499)

Have a look what the booklet for
HunterLab(20.1415, 34.8625,
10.1499) contains.

HunterLab(20.1684, 34.9088, 10.1659)	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(20.1684, 34.9088,
10.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	78001A
RGB	120, 0, 26
RGB Percent	47%, 0%, 10%
CMY	0.5294, 0.9999, 0.8980
CMYK	0.00, 1.00, 0.78, 0.53
HSL	347°, 100%, 24%
HSV	347°, 100%, 47%
XYZ	7.9322, 4.0676, 1.3443
YIQ	38.8440, 63.1740, 33.5260

Conversions

Conversions Part 2

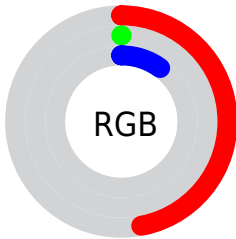
Format	Color
R_{YB}	120, 0, 26
Decimal	7864346
CIE Lab	23.89, 46.54, 22.56
CIE LCh	24, 51.721, 25.858
Yxy	4.0679, 0.5944, 0.3048
Android (android.graphics.Color)	4286054426 (0xFF78001A)
YUV	38.8440, -6.3321, 71.1738
Hunter-Lab	20.1684, 34.9088, 10.1659

Details

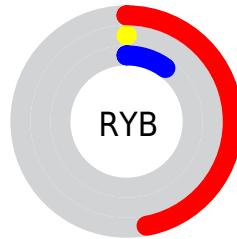
The HunterLab color **20.1684, 34.9088, 10.1659** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37.7376, -24.7121, 6.1789**, and the grayscale version is **14.2011, -0.7577, 0.7716**.

A 20% lighter version of the original color is **37.1402, 38.5997, 14.5734**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **20.1682, 34.9083, 10.1675**, and if you desaturate by 10%, it is **20.9285, 33.1992, 8.8836**.

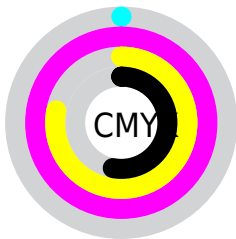
Distribution



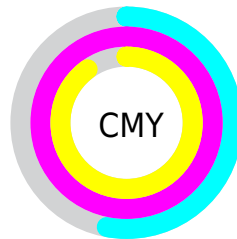
- Red (47%)
- Green (0%)
- Blue (10%)



- Red (47%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1684, 34.9088, 10.1659 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 20.1684, 34.9088, 10.1659 by changing the saturation by 10% instead.

■ 20.1684, 34.9088,
10.1659

■ 20.1684, 34.9088,
10.1659

■ 118.4950, 48.0897,
27.3153

■ 13.0829, 33.0864,
8.7150

■ 37.1018, 38.5690,
14.5368

■ 6.5663, 36.3699,
4.5964

■ 46.7713, 40.2526,
16.5261

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.1597, 41.8201,
18.4333

0.0000, NaN, NaN

■ 68.2203, 43.2744,
20.2802

0.0000, NaN, NaN

■ 79.9147, 44.6218,
22.0820

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.2100, 45.8690,


23.8499


0.0000, NaN, NaN


 105.0782, 47.0229,
25.5922


 20.1684, 34.9088,
10.1659


 20.1684, 34.9088,
10.1659


 20.1682, 34.9083,
10.1675

 20.9285, 33.1992,
8.8836

 21.9881, 30.8682,
7.4489

 23.5028, 27.5848,
6.0979

 25.4434, 23.6466,
4.9264

 27.7618, 19.3461,
3.9818

■ 30.4053, 14.9045,
3.2721

■ 33.3242, 10.4615,
2.7813

■ 36.4757, 6.0925,
2.4833

■ 39.8245, 1.8303,
2.3498

Harmonies

Analogous

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



20.1690, 39.8806, -1.1407



20.1684, 34.9088, 10.1659



20.1690, 19.3416, 14.1183

Triad

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



20.1690, 34.9063, 10.1663



20.1690, -20.7984, 11.6172



20.1690, -3.2591, -55.6602

Complementary

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



20.1684, 34.9088, 10.1659



37.7376, -24.7121, 6.1789

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.



20.1690, -15.6456, -41.4792



20.1684, 34.9088, 10.1659



20.1690, -23.5583, 3.1060

Square

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



20.1690, 34.9063, 10.1663



20.1690, -12.8546, 14.1183



20.1690, -22.0203, -16.3731



20.1690, 14.2332, -47.2514

Rectangle

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



20.1684, 34.9088, 10.1659



20.1690, 7.0344, 14.1183



20.1690, -22.0203, -16.3731



20.1690, -8.0802, -53.1987

Sweetspot

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



20.1690, 34.9063, 10.1663



43.8948, 14.3112, 3.7279



19.3291, 40.1133, -41.8922



20.7112, 7.9436, 1.9113



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.1690, 34.9063, 10.1663



26.7148, 46.1756, 13.9631



22.6664, 25.8391, 14.4183



20.0698, 0.7257, 1.1726



21.0609, 36.4446, 10.6860



45.8828, 79.1701, 25.0406

Inverse Universe

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



20.1690, 34.9063, 10.1663



26.7148, 46.1756, 13.9631



28.3059, -7.1687, -19.9030



20.0698, 0.7257, 1.1726



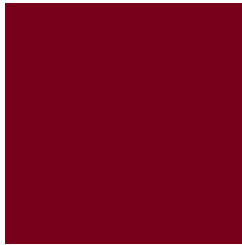
21.0609, 36.4446, 10.6860



45.8828, 79.1701, 25.0406

Previews

White Background



This preview shows how the HunterLab color 20.1684, 34.9088, 10.1659 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

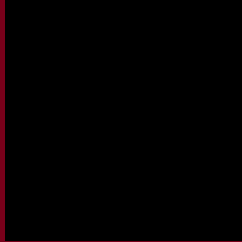
Any Text WCAG AA × Fail

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 20.1684, 34.9088, 10.1659 Background



This preview shows how black text looks on a background with the HunterLab color 20.1684, 34.9088, 10.1659.



This preview shows how white text looks on a background with the HunterLab color 20.1684, 34.9088,

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

20.1684, 34.9088, 10.1659

Protanopia

21.5614, -2.1464, 7.7282

Deuteranopia

21.4623, 0.7216, 11.6567



Tritanopia

20.5941, 32.3238, 12.9252

Trichromacy



Original Color

20.1684, 34.9088, 10.1659

Protanomaly

18.8436, 13.1239, 6.8380

Deuteranomaly

19.1118, 15.2200, 9.8421

Tritanomaly

20.4244, 33.1953, 12.1569

Monochromacy



Original Color

20.1684, 34.9088, 10.1659

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.2818, 12.7553, 2.7410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1684, 34.9088, 10.1659 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(120, 0, 26)` looks like.

```
.text, #text, p{  
  color:rgb(120, 0, 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(120, 0, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1684, 34.9088, 10.1659 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(120, 0, 26) }
```


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

```
.border{ border-color:rgb(120, 0, 26) }
```

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

Here you see how a box with a 4 pixel rgb(120, 0, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 26);  
box-shadow:4px 4px 4px 4px rgb(120, 0, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1684, 34.9088, 10.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 26) }
```

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

```
.background{ background-color: rgb(120, 0,  
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](#).

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