

Converting Colors

HunterLab(20.9846, 33.4716,
7.6551)

Have a look what the booklet for
HunterLab(20.9846, 33.4716,
7.6551) contains.

HunterLab(21.0145, 33.5341, 7.6174)	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(21.0145, 33.5341,
7.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	780C29
RGB	120, 12, 41
RGB Percent	47%, 5%, 16%
CMY	0.5294, 0.9529, 0.8392
CMYK	0.00, 0.90, 0.66, 0.53
HSL	344°, 82%, 26%
HSV	344°, 90%, 47%
XYZ	8.2774, 4.4161, 2.5139
YIQ	47.5980, 55.0590, 31.9150

Conversions

Conversions Part 2

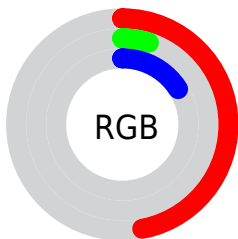
Format	Color
R_{YB}	120, 12, 41
Decimal	7867433
CIE _{Lab}	25.00, 44.89, 13.74
CIE _{LCh}	25, 46.948, 17.022
Yxy	4.4164, 0.5443, 0.2904
Android (android.graphics.Color)	4286057513 (0xFF780C29)
YUV	47.5980, -3.2528, 63.4966
Hunter-Lab	21.0145, 33.5341, 7.6174

Details

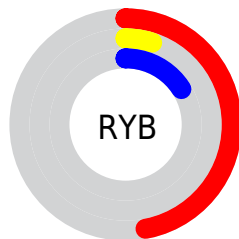
The HunterLab color **21.0145, 33.5341, 7.6174** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **37.7712, -24.7154, 7.3014**, and the grayscale version is **17.0581, -0.9102, 0.9268**.

A 20% lighter version of the original color is **38.2666, 37.0225, 10.5868**, and **10.6010, 18.1546, 6.8501** is the 20% darker color. If you saturate the color by 10%, you get **20.2455, 35.1888, 9.0430**, and if you desaturate by 10%, it is **22.0798, 31.2372, 6.1163**.

Distribution



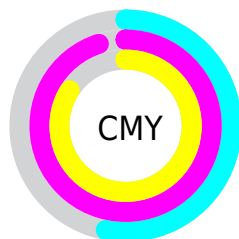
- Red (47%)
- Green (5%)
- Blue (16%)



- Red (47%)
- Yellow (5%)
- Blue (16%)



- Cyan (0%)
- Magenta (90%)
- Yellow (66%)
- Black (53%)



- Cyan (53%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0145, 33.5341, 7.6174 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 21.0145, 33.5341, 7.6174 by changing the saturation by 10% instead.

21.0145, 33.5341,
7.6174

21.0145, 33.5341,
7.6174

120.0145, 46.1160,
19.8329

13.8170, 31.7117,
6.0349

38.1362, 37.0819,
10.5209

7.4420, 32.2697,
5.2094

47.8879, 38.6951,
11.8938

0.0000, INF, NaN

0.0000, NaN, NaN

58.3529, 40.1906,
13.2392

0.0000, NaN, NaN

69.4856, 41.5732,
14.5678


0.0000, NaN, NaN


81.2480, 42.8500,
15.8870


0.0000, NaN, NaN


0.0000, NaN, NaN


93.6081, 44.0282,

 106.5383, 45.1148,
18.5162


 21.0145, 33.5341,
7.6174


 21.0145, 33.5341,
7.6174


 20.2455, 35.1888,
9.0430


 22.0798, 31.2372,
6.1163

 20.2447, 35.1905,
9.0442

 23.5938, 27.9724,
4.7810

 25.5288, 24.0314,
3.6955

 27.8377, 19.7060,
2.8911

 30.4687, 15.2193,
2.3603

■ 33.3732, 10.7144,
2.0755

■ 36.5091, 6.2704,
2.0016

■ 39.8413, 1.9232,
2.1048

■ 43.3416, -2.3165,
2.3550

Harmonies

Analogous

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



21.0151, 34.3511, -5.8764



21.0145, 33.5341, 7.6174



21.0151, 21.9670, 12.9828

Triad

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



21.0151, 33.5317, 7.6179



21.0151, -18.1320, 12.5206



21.0151, -7.1303, -45.9165

Complementary

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



21.0145, 33.5341, 7.6174



37.7712, -24.7154, 7.3014

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.



21.0151, -17.1964, -29.7953



21.0145, 33.5341, 7.6174



21.0151, -22.2615, 6.3536

Square

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



21.0151, 33.5317, 7.6179



21.0151, -8.8103, 14.7106



21.0151, -21.9746, -8.4067



21.0151, 7.8591, -44.5869

Rectangle

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



21.0145, 33.5341, 7.6174



21.0151, 11.1595, 14.7106



21.0151, -21.9746, -8.4067



21.0151, -11.1039, -42.0561

Sweetspot

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



21.0151, 33.5317, 7.6179



45.2029, 12.8274, 2.7064



19.3988, 36.7238, -41.7130



21.4754, 7.0229, 1.3441



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.



21.0151, 33.5317, 7.6179



26.8114, 46.5324, 12.5422



22.9039, 25.5797, 13.6597



20.0776, 0.7678, 1.0610



21.1402, 36.7371, 9.5218



46.0370, 79.7402, 22.7684

Inverse Universe

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



21.0151, 33.5317, 7.6179



26.8114, 46.5324, 12.5422



31.4807, -10.9779, -14.2599



20.0776, 0.7678, 1.0610



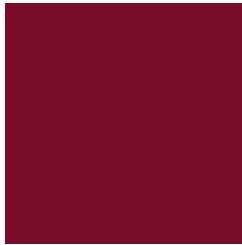
21.1402, 36.7371, 9.5218



46.0370, 79.7402, 22.7684

Previews

White Background



This preview shows how the HunterLab color 21.0145, 33.5341, 7.6174 looks on a white background.

Color Contrast Check

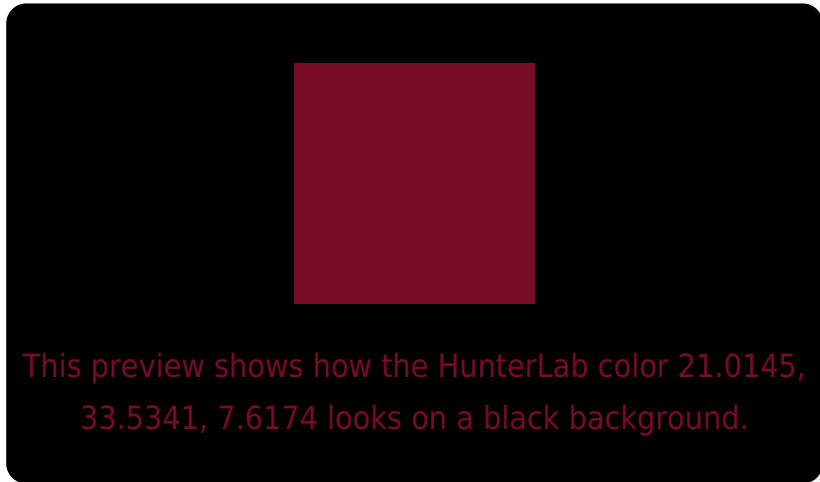
Large Text (above 18pt) WCAG AA ✓ Pass

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

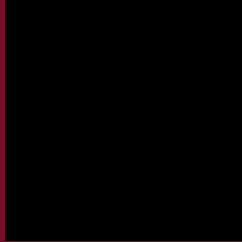
Any Text WCAG AA × Fail

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 21.0145, 33.5341, 7.6174 Background



This preview shows how black text looks on a background with the HunterLab color 21.0145, 33.5341, 7.6174.



This preview shows how white text looks on a background with the HunterLab color 21.0145, 33.5341,

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

21.0145, 33.5341, 7.6174

Protanopia

22.0250, -1.0495, 2.4150

Deuteranopia

21.7972, 1.0323, 8.9094



Tritanopia

21.0508, 30.5714, 11.8948

Trichromacy



Original Color

21.0145, 33.5341, 7.6174

Protanomaly

19.8346, 11.8765, 2.7185

Deuteranomaly

20.0500, 13.8082, 7.1739

Tritanomaly

20.8976, 31.5872, 10.6573

Monochromacy



Original Color

21.0145, 33.5341, 7.6174

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8742, 11.7121, 1.8797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0145, 33.5341, 7.6174 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, 12, 41)` looks like.

```
.text, #text, p{  
    color:rgb(120, 12, 41)  
}
```

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, 12, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 12, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0145, 33.5341, 7.6174 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, 12, 41) }
```


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

```
.border{ border-color:rgb(120, 12, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 12, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 12, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 12, 41);  
box-shadow:4px 4px 4px 4px rgb(120, 12,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0145, 33.5341, 7.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 12, 41) }
```

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

```
.background{ background-color: rgb(120, 12,  
41) }
```

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