

Converting Colors

HunterLab(20.4534, 35.1082,
12.5879)

Have a look what the booklet for
HunterLab(20.4534, 35.1082,
12.5879) contains.

HunterLab(20.3841, 34.9944, 12.5050)	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(20.3841, 34.9944,
12.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0008
RGB	122, 0, 8
RGB Percent	48%, 0%, 3%
CMY	0.5216, 0.9999, 0.9686
CMYK	0.00, 1.00, 0.93, 0.52
HSL	356°, 100%, 24%
HSV	356°, 100%, 48%
XYZ	8.0699, 4.1551, 0.6064
YIQ	37.3900, 70.1440, 28.3520

Conversions

Conversions Part 2

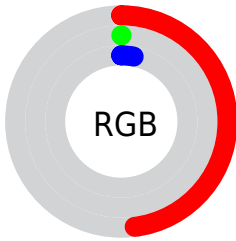
Format	Color
RYB	122, 0, 8
Decimal	7995400
CIELab	24.18, 46.58, 33.01
CIELCh	24, 57.089, 35.329
Yxy	4.1554, 0.6289, 0.3238
Android (android.graphics.Color)	4286185480 (0xFF7A0008)
YUV	37.3900, -14.4893, 74.2030
Hunter-Lab	20.3841, 34.9944, 12.5050

Details

The HunterLab color **20.3841, 34.9944, 12.5050** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **38.9028, -22.2070, -0.6853**, and the grayscale version is **13.7578, -0.7341, 0.7475**.

A 20% lighter version of the original color is **37.3813, 38.6876, 18.5586**, and **10.4403, 17.8793, 6.7462** is the 20% darker color. If you saturate the color by 10%, you get **20.3840, 34.9940, 12.5060**, and if you desaturate by 10%, it is **21.1048, 33.1064, 11.8025**.

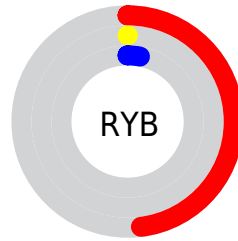
Distribution



Red (48%)

Green (0%)

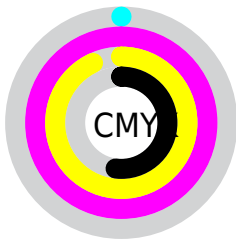
Blue (3%)



Red (48%)

Yellow (0%)

Blue (3%)

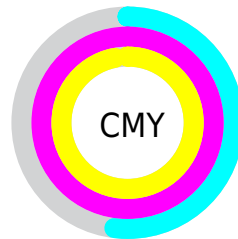


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (52%)



Cyan (52%)


Magenta (100%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 20.3841, 34.9944, 12.5050 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 20.3841, 34.9944, 12.5050 by changing the saturation by 10% instead.


 20.3841, 34.9944,
12.5050


 20.3841, 34.9944,
12.5050

 118.8838, 48.1609,
35.5995

 13.2697, 33.1665,
9.2888

 37.3660, 38.6523,
18.5101

 6.8015, 35.6334,
4.7610


 47.0566, 40.3338,
21.2592

0.0000, INF, NaN


0.0000, NaN, NaN

 57.4647, 41.8992,
23.8637

0.0000, NaN, NaN

 68.5438, 43.3516,
26.3560

0.0000, NaN, NaN

 80.2556, 44.6972,
28.7600


0.0000, NaN, NaN


0.0000, NaN, NaN


 92.5676, 45.9428,


31.0933


0.0000, NaN, NaN


 105.4518, 47.0953,
33.3696


 20.3841, 34.9944,
12.5050


 20.3841, 34.9944,
12.5050


 20.3840, 34.9940,
12.5060

 21.1048, 33.1064,
11.8025

 22.1493, 30.5938,
10.7502

 23.6757, 27.1544,
9.5306

 25.6540, 23.1069,
8.2583

 28.0325, 18.7567,
7.0224

■ 30.7543, 14.3275,
5.8760

■ 33.7658, 9.9541,
4.8418

■ 37.0211, 5.7034,
3.9227

■ 40.4825, 1.5992,
3.1114

Harmonies

Analogous

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



20.3848, 45.3652, 3.9057



20.3841, 34.9944, 12.5050



20.3848, 15.2420, 14.2693

Triad

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



20.3848, 34.9917, 12.5054



20.3848, -23.7881, 10.5542



20.3848, 2.1857, -65.1367

Complementary

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



20.3841, 34.9944, 12.5050



38.9028, -22.2070, -0.6853

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.



20.3848, -13.4907, -56.1235



20.3841, 34.9944, 12.5050



20.3848, -25.1884, -2.1490

Square

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



20.3848, 34.9917, 12.5054



20.3848, -17.3360, 14.2693



20.3848, -22.1606, -28.0945



20.3848, 22.6985, -47.2806

Rectangle

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



20.3841, 34.9944, 12.5050



20.3848, 1.7721, 14.2693



20.3848, -22.1606, -28.0945



20.3848, -3.8001, -65.2445

Sweetspot

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



20.3848, 34.9917, 12.5054



44.4815, 13.6244, 6.5176



22.3023, 44.4902, -34.4268



20.6122, 7.4433, 3.3310



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.



20.3848, 34.9917, 12.5054



27.0221, 46.3601, 16.8103



25.8309, 19.0168, 16.2489



20.0472, 0.6042, 1.4943



20.9144, 35.9023, 12.8499



45.6274, 78.2238, 28.8206

Inverse Universe

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



20.3848, 34.9917, 12.5054



27.0221, 46.3601, 16.8103



23.8298, 0.6175, -31.1161



20.0472, 0.6042, 1.4943



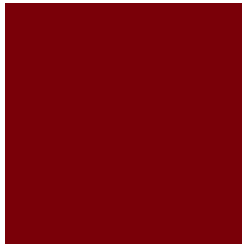
20.9144, 35.9023, 12.8499



45.6274, 78.2238, 28.8206

Previews

White Background



This preview shows how the HunterLab color 20.3841, 34.9944, 12.5050 looks on a white background.

Color Contrast Check

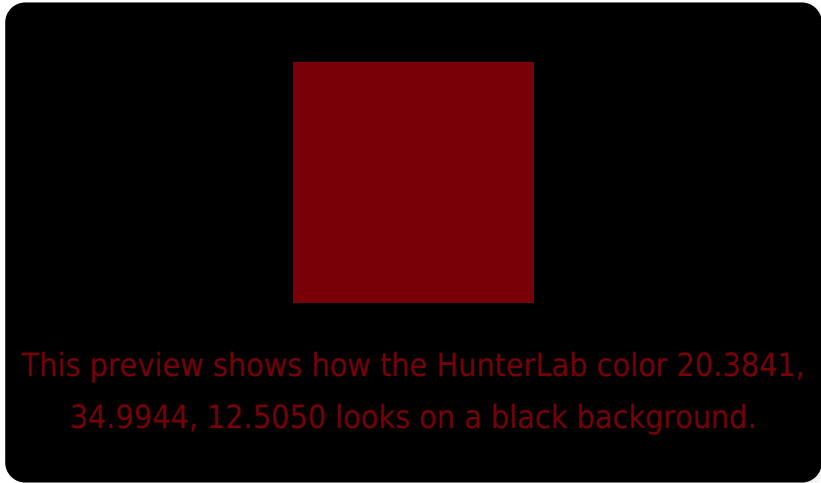
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3841, 34.9944, 12.5050 Background



This preview shows how black text looks on a background with the HunterLab color 20.3841, 34.9944, 12.5050.



This preview shows how white text looks on a background with the HunterLab color 20.3841, 34.9944,

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

20.3841, 34.9944, 12.5050

Protanopia

21.8116, -3.0262, 11.7125

Deuteranopia

21.5541, 0.8300, 13.2961



Tritanopia

20.7468, 32.5646, 13.3542

Trichromacy



Original Color

20.3841, 34.9944, 12.5050

Protanomaly

18.8686, 12.7317, 10.4295

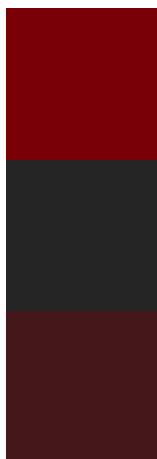
Deuteranomaly

19.2598, 15.3612, 11.8715

Tritanomaly

20.5511, 33.3261, 12.9984

Monochromacy



Original Color

20.3841, 34.9944, 12.5050

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.9885, 12.4868, 4.6961

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3841, 34.9944, 12.5050 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(122, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 8)  
}
```

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(122, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3841, 34.9944, 12.5050 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(122, 0, 8) }
```


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

```
.border{ border-color:rgb(122, 0, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 0, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(122, 0, 8); box-shadow:4px  
4px 4px 4px rgb(122, 0, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3841, 34.9944, 12.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 8) }
```

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

```
.background{ background-color: rgb(122, 0,  
8) }
```

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