

Converting Colors

HunterLab(21.0463, 35.4678,
12.8923)

Have a look what the booklet for
HunterLab(21.0463, 35.4678,
12.8923) contains.

HunterLab(21.0827, 35.4045, 12.8841)	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(21.0827, 35.4045,
12.8841)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0309
RGB	125, 3, 9
RGB Percent	49%, 1%, 4%
CMY	0.5098, 0.9882, 0.9647
CMYK	0.00, 0.98, 0.93, 0.51
HSL	357°, 95%, 25%
HSV	357°, 98%, 49%
XYZ	8.5393, 4.4448, 0.6663
YIQ	40.1620, 70.7860, 27.7300

Conversions

Conversions Part 2

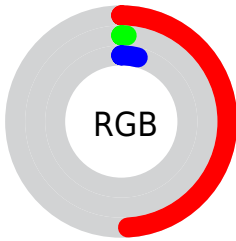
Format	Color
R_{YB}	125, 3, 9
Decimal	8192777
CIE Lab	25.09, 46.82, 33.73
CIE LCh	25, 57.706, 35.768
Yxy	4.4451, 0.6256, 0.3256
Android (android.graphics.Color)	4286382857 (0xFF7D0309)
YUV	40.1620, -15.3629, 74.4029
Hunter-Lab	21.0827, 35.4045, 12.8841

Details

The HunterLab color **21.0827, 35.4045, 12.8841** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **40.0235, -22.3119, -1.5890**, and the grayscale version is **14.6536, -0.7819, 0.7962**.

A 20% lighter version of the original color is **38.1911, 39.0627, 18.9882**, and **10.9238, 18.7073, 7.0587** is the 20% darker color. If you saturate the color by 10%, you get **20.9126, 35.8777, 13.0150**, and if you desaturate by 10%, it is **21.8403, 33.4548, 12.1326**.

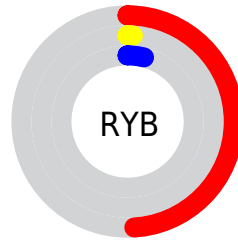
Distribution



Red (49%)

Green (1%)

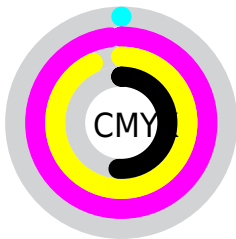
Blue (4%)



Red (49%)

Yellow (1%)

Blue (4%)

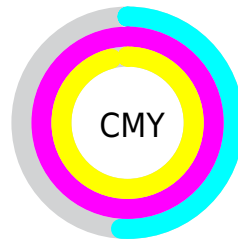


Cyan (0%)

Magenta (98%)

Yellow (93%)

Black (51%)



Cyan (51%)

Magenta (99%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0827, 35.4045, 12.8841 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 21.0827, 35.4045, 12.8841 by changing the saturation by 10% instead.

■ 21.0827, 35.4045,
12.8841

■ 21.0827, 35.4045,
12.8841

■ 120.1364, 48.5665,
36.3375

■ 13.8763, 33.5599,
9.7134

■ 38.2194, 39.0628,
19.0034

■ 7.5077, 34.0983,
5.2554

■ 47.9777, 40.7422,
21.7904

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.4488, 42.3058,
24.4321

0.0000, NaN, NaN

■ 69.5872, 43.7569,
26.9606

0.0000, NaN, NaN

■ 81.3551, 45.1018,
29.3997


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.7204, 46.3474,


31.7669


0.0000, NaN, NaN


 106.6555, 47.5002,
34.0760


 21.0827, 35.4045,
12.8841


 21.0827, 35.4045,
12.8841


 20.9126, 35.8777,
13.0150

 21.8403, 33.4548,
12.1326

 23.0210, 30.6163,
11.0585

 24.6967, 26.8947,
9.8109

 26.8297, 22.6283,
8.5049

 29.3641, 18.1183,
7.2285

■ 32.2407, 13.5740,
6.0333

■ 35.4056, 9.1153,
4.9415

■ 38.8131, 4.7977,
3.9565

■ 42.4257, 0.6377,
3.0716

Harmonies

Analogous

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



21.0834, 46.1533, 4.2242



21.0827, 35.4045, 12.8841



21.0834, 15.2277, 14.7584

Triad

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



21.0834, 35.4018, 12.8845



21.0834, -24.4738, 10.7431



21.0834, 2.5042, -66.0025

Complementary

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



21.0827, 35.4045, 12.8841



40.0235, -22.3119, -1.5890

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.



21.0834, -13.6422, -57.2843



21.0827, 35.4045, 12.8841



21.0834, -25.8538, -2.4762

Square

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



21.0834, 35.4018, 12.8845



21.0834, -17.9171, 14.7584



21.0834, -22.6556, -29.0164



21.0834, 23.4485, -47.6013

Rectangle

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



21.0827, 35.4045, 12.8841



21.0834, 1.5162, 14.7584



21.0834, -22.6556, -29.0164



21.0834, -3.6444, -66.2575

Sweetspot

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



21.0834, 35.4018, 12.8845



46.4560, 13.4446, 6.9095



23.3687, 45.6358, -34.0268



21.4390, 7.4100, 3.5376



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



21.0834, 35.4018, 12.8845



27.9736, 47.9683, 17.5896



27.1723, 18.0239, 16.8701



20.8505, 0.6292, 1.5942



21.3640, 36.6508, 13.3075

0.0000, NaN, NaN

Inverse Universe

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



21.0834, 35.4018, 12.8845



27.9736, 47.9683, 17.5896



24.2770, 1.1618, -32.4041



20.8505, 0.6292, 1.5942

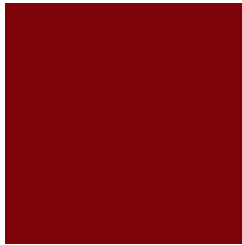


21.3640, 36.6508, 13.3075

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.0827, 35.4045, 12.8841 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

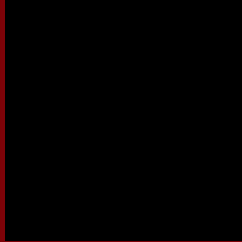
Any Text WCAG AA × Fail

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 21.0827, 35.4045, 12.8841 Background



This preview shows how black text looks on a background with the HunterLab color 21.0827, 35.4045, 12.8841.



This preview shows how white text looks on a background with the HunterLab color 21.0827, 35.4045,

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

21.0827, 35.4045, 12.8841

Protanopia

22.2376, -2.7761, 11.8896

Deuteranopia

22.2198, 0.6727, 13.7035



Tritanopia

21.2707, 33.5349, 13.6940

Trichromacy



Original Color

21.0827, 35.4045, 12.8841

Protanomaly

19.6149, 13.0029, 10.8325

Deuteranomaly

19.8605, 15.2679, 12.2481

Tritanomaly

21.1313, 34.1070, 13.3764

Monochromacy



Original Color

21.0827, 35.4045, 12.8841

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.8734, 12.5227, 4.7504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0827, 35.4045, 12.8841 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(125, 3, 9)` looks like.

```
.text, #text, p{  
    color:rgb(125, 3, 9)  
}
```

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(125, 3, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 3, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0827, 35.4045, 12.8841 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(125, 3, 9) }
```


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

```
.border{ border-color:rgb(125, 3, 9) }
```

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

Here you see how a box with a 4 pixel rgb(125, 3, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 3, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 3, 9); box-shadow:4px  
4px 4px 4px rgb(125, 3, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0827, 35.4045, 12.8841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 3, 9) }
```

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

```
.background{ background-color: rgb(125, 3,  
9) }
```

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