

Converting Colors

HunterLab(20.9191, 35.9194,
12.7816)

Have a look what the booklet for
HunterLab(20.9191, 35.9194,
12.7816) contains.

HunterLab(20.9277, 35.9336, 12.7925)	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(20.9277, 35.9336,
12.7925)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0009
RGB	125, 0, 9
RGB Percent	49%, 0%, 4%
CMY	0.5098, 0.9999, 0.9647
CMYK	0.00, 1.00, 0.93, 0.51
HSL	356°, 100%, 25%
HSV	356°, 100%, 49%
XYZ	8.5067, 4.3797, 0.6554
YIQ	38.4010, 71.6110, 29.2990

Conversions

Conversions Part 2

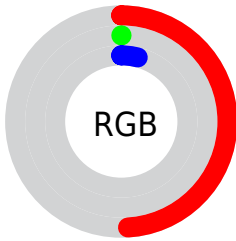
Format	Color
R_{YB}	125, 0, 9
Decimal	8192009
CIE Lab	24.89, 47.41, 33.54
CIE LCh	25, 58.070, 35.278
Yxy	4.3800, 0.6282, 0.3234
Android (android.graphics.Color)	4286382089 (0xFF7D0009)
YUV	38.4010, -14.4947, 75.9473
Hunter-Lab	20.9277, 35.9336, 12.7925

Details

The HunterLab color **20.9277, 35.9336, 12.7925** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **39.9105, -22.9404, -0.3616**, and the grayscale version is **14.0822, -0.7514, 0.7651**.

A 20% lighter version of the original color is **38.0365, 39.4872, 18.8790**, and **10.9238, 18.7073, 7.0587** is the 20% darker color. If you saturate the color by 10%, you get **20.9276, 35.9332, 12.7935**, and if you desaturate by 10%, it is **21.6522, 34.0523, 12.0481**.

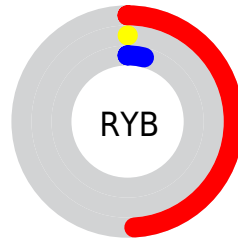
Distribution



Red (49%)

Green (0%)

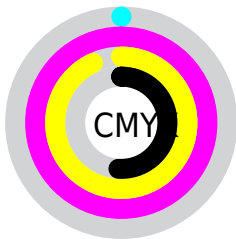
Blue (4%)



Red (49%)

Yellow (0%)

Blue (4%)

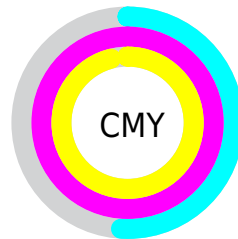


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (51%)



Cyan (51%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9277, 35.9336, 12.7925 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 20.9277, 35.9336, 12.7925 by changing the saturation by 10% instead.

■ 20.9277, 35.9336,
12.7925

■ 20.9277, 35.9336,
12.7925

■ 119.8593, 49.2874,
36.1492

■ 13.7415, 34.0875,
9.6191

■ 38.0303, 39.6272,
18.8832

■ 7.3575, 35.0267,
5.1503

■ 47.7737, 41.3289,
21.6593

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.2309, 42.9153,
24.2905

0.0000, NaN, NaN

■ 69.3563, 44.3894,
26.8090

0.0000, NaN, NaN

■ 81.1118, 45.7571,
29.2383

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 93.4653, 47.0250,


31.5962


0.0000, NaN, NaN


 106.3892, 48.1997,
33.8963


 20.9277, 35.9336,
12.7925


 20.9277, 35.9336,
12.7925


 20.9276, 35.9332,
12.7935

 21.6522, 34.0523,
12.0481

 22.7183, 31.4974,
10.9463

 24.2810, 27.9789,
9.6803

 26.3099, 23.8242,
8.3688

 28.7518, 19.3500,
7.1032

■ 31.5481, 14.7888,
5.9372

■ 34.6433, 10.2814,
4.8927

■ 37.9901, 5.8978,
3.9714

■ 41.5494, 1.6635,
3.1647

Harmonies

Analogous

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



20.9284, 46.5491, 3.9832



20.9277, 35.9336, 12.7925



20.9284, 15.6757, 14.6499

Triad

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



20.9284, 35.9309, 12.7929



20.9284, -24.4082, 10.8443



20.9284, 2.2092, -66.8275

Complementary

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



20.9277, 35.9336, 12.7925



39.9105, -22.9404, -0.3616

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.



20.9284, -13.8662, -57.5356



20.9277, 35.9336, 12.7925



20.9284, -25.8535, -2.1702

Square

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



20.9284, 35.9309, 12.7929



20.9284, -17.7748, 14.6499



20.9284, -22.7536, -28.7696



20.9284, 23.2532, -48.5513

Rectangle

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



20.9277, 35.9336, 12.7925



20.9284, 1.8507, 14.6499



20.9284, -22.7536, -28.7696



20.9284, -3.9296, -66.9209

Sweetspot

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



20.9284, 35.9309, 12.7929



46.0422, 14.1982, 6.6447



22.5780, 45.2197, -36.2453



21.2638, 7.7560, 3.3915



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.



20.9284, 35.9309, 12.7929



27.9885, 48.0237, 17.3683



26.1230, 20.4937, 16.4547



20.8540, 0.6482, 1.5437



21.3790, 36.7061, 13.0863

0.0000, NaN, NaN

Inverse Universe

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



20.9284, 35.9309, 12.7929



27.9885, 48.0237, 17.3683



24.9713, -0.2438, -30.6835



20.8540, 0.6482, 1.5437



21.3790, 36.7061, 13.0863

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.9277, 35.9336, 12.7925 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

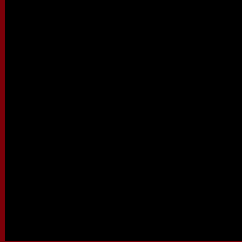
Any Text WCAG AA × Fail

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 20.9277, 35.9336, 12.7925 Background



This preview shows how black text looks on a background with the HunterLab color 20.9277, 35.9336, 12.7925.



This preview shows how white text looks on a background with the HunterLab color 20.9277, 35.9336,

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

20.9277, 35.9336, 12.7925

Protanopia

22.2376, -2.7761, 11.8896

Deuteranopia

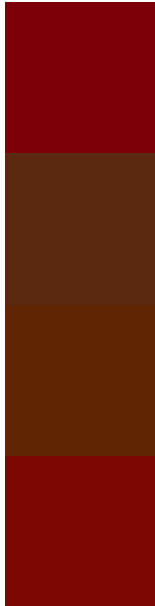
22.2198, 0.6727, 13.7035



Tritanopia

21.3261, 33.3529, 13.7249

Trichromacy



Original Color

20.9277, 35.9336, 12.7925

Protanomaly

19.4400, 13.4211, 10.7187

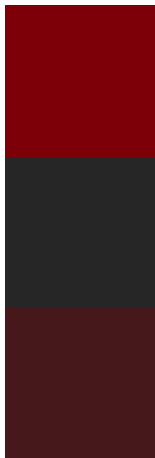
Deuteranomaly

19.6967, 15.6770, 12.1521

Tritanomaly

21.1313, 34.1070, 13.3764

Monochromacy



Original Color

20.9277, 35.9336, 12.7925

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.2636, 13.2109, 4.7102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9277, 35.9336, 12.7925 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, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 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, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9277, 35.9336, 12.7925 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, 0, 9) }
```


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

```
.border{ border-color:rgb(125, 0, 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, 0, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 0, 9); box-shadow:4px  
4px 4px 4px rgb(125, 0, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9277, 35.9336, 12.7925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 9) }
```

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

```
.background{ background-color: rgb(125, 0,  
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