

Converting Colors

HunterLab(38.3650, 65.7150,
24.6837)

Have a look what the booklet for
HunterLab(38.3650, 65.7150,
24.6837) contains.

HunterLab(38.4137, 65.7960, 24.7335)	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(38.4137, 65.7960,
24.7335)**

Conversions

Conversions Part 1

Format	Color
Hex	D90002
RGB	217, 0, 2
RGB Percent	85%, 0%, 1%
CMY	0.1490, 0.9998, 0.9921
CMYK	0.00, 1.00, 0.99, 0.15
HSL	359°, 100%, 43%
HSV	359°, 100%, 85%
XYZ	28.6263, 14.7561, 1.3969
YIQ	65.1110, 128.6900, 46.6260

Conversions

Conversions Part 2

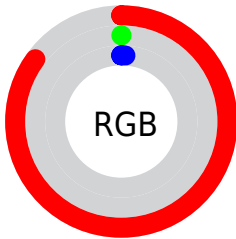
Format	Color
RYB	217, 0, 2
Decimal	14221314
CIELab	45.30, 70.93, 58.87
CIELCh	45, 92.178, 39.689
Yxy	14.7571, 0.6393, 0.3295
Android (android.graphics.Color)	4292411394 (0xFFD90002)
YUV	65.1110, -31.1137, 133.2067
Hunter-Lab	38.4137, 65.7960, 24.7335

Details

The HunterLab color **38.4137, 65.7960, 24.7335** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **73.8474, -39.5929, -6.8307**, and the grayscale version is **23.1135, -1.2333, 1.2558**.

A 20% lighter version of the original color is **53.3997, 58.3743, 29.9135**, and **25.6502, 43.9267, 16.5745** is the 20% darker color. If you saturate the color by 10%, you get **38.4134, 65.7953, 24.7354**, and if you desaturate by 10%, it is **39.2171, 63.6254, 24.0131**.

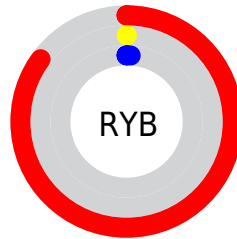
Distribution



Red (85%)

Green (0%)

Blue (1%)



Red (85%)

Yellow (0%)

Blue (1%)

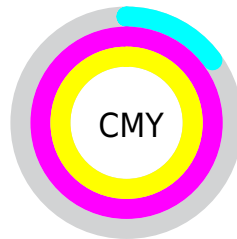


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 38.4137, 65.7960, 24.7335 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 38.4137, 65.7960, 24.7335 by changing the saturation by 10% instead.


 38.4137, 65.7960,
24.7335


 38.4137, 65.7960,
24.7335


 148.9601, 83.8033,
59.6240


 29.4093, 63.4985,
20.3054


 58.6741, 70.3775,
33.6799


 21.2438, 61.3980,
14.8707

 69.8259, 72.5703,
37.8181

 14.0160, 59.9356,
9.8112


 81.6066, 74.6733,
41.7743

 7.6597, 62.9716,
5.3618

 93.9840, 76.6822,
45.5754

0.0000, INF, NaN

0.0000, INF, NaN

 106.9307, 78.5970,
49.2437


0.0000, NaN, NaN

 120.4227, 80.4200,


0.0000, NaN, NaN


52.7980


0.0000, NaN, NaN


 134.4388, 82.1542,
56.2538

 38.4137, 65.7960,
24.7335

 38.4137, 65.7960,
24.7335

 38.4134, 65.7953,
24.7354

 39.2171, 63.6254,
24.0131

 40.8678, 59.3792,
22.6187

 43.5303, 53.0424,
20.6223

 47.1684, 45.2644,
18.2465

 51.6803, 36.7487,
15.7194

■ 56.9411, 28.0335,
13.2079

■ 62.8301, 19.4447,
10.8068

■ 69.2430, 11.1403,
8.5565

■ 76.0942, 3.1728,
6.4645

Harmonies

Analogous

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



38.4149, 90.9596, 11.4869



38.4137, 65.7960, 24.7335



38.4149, 24.6086, 26.8905

Triad

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



38.4149, 65.7909, 24.7341



38.4149, -47.3750, 18.4839



38.4149, 10.1152, -132.6191

Complementary

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



38.4137, 65.7960, 24.7335



73.8474, -39.5929, -6.8307

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.



38.4149, -22.9776, -122.1060



38.4137, 65.7960, 24.7335



38.4149, -48.8181, -10.5107

Square

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



38.4149, 65.7909, 24.7341



38.4149, -36.6284, 26.1168



38.4149, -41.7114, -66.7127



38.4149, 51.9349, -88.8509

Rectangle

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



38.4137, 65.7960, 24.7335



38.4149, -1.6807, 26.8905



38.4149, -41.7114, -66.7127



38.4149, -2.4215, -135.8383

Sweetspot

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



38.4149, 65.7909, 24.7341



75.2080, 23.6451, 13.0566



43.8342, 86.4895, -60.2669



33.3682, 12.9549, 6.5996

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.4149, 65.7909, 24.7341



46.1140, 78.9826, 29.7132



49.8360, 33.3400, 31.2907



36.1295, 1.3010, 3.0030



29.8887, 51.1967, 19.2246



7.6120, 13.0477, 4.8265

Inverse Universe

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



38.4149, 65.7909, 24.7341



46.1140, 78.9826, 29.7132



40.7792, 8.8913, -70.1598



36.1295, 1.3010, 3.0030



29.8887, 51.1967, 19.2246



7.6120, 13.0477, 4.8265

Previews

White Background



This preview shows how the HunterLab color 38.4137, 65.7960, 24.7335 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 × Fail

Black Background



This preview shows how the HunterLab color 38.4137, 65.7960, 24.7335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4137, 65.7960, 24.7335 Background



This preview shows how black text looks on a background with the HunterLab color 38.4137, 65.7960, 24.7335.



This preview shows how white text looks on a background with the HunterLab color 38.4137, 65.7960,

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

38.4137, 65.7960, 24.7335

Protanopia

39.3022, -5.4041, 22.4659

Deuteranopia

39.1202, 1.9516, 24.1399



Tritanopia

38.6618, 62.8838, 24.9241

Trichromacy



Original Color

38.4137, 65.7960, 24.7335

Protanomaly

34.0521, 25.3935, 20.3546

Deuteranomaly

34.8053, 30.8402, 21.9379

Tritanomaly

38.5862, 64.1686, 24.8559

Monochromacy



Original Color

38.4137, 65.7960, 24.7335

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.9711, 24.7457, 9.7861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4137, 65.7960, 24.7335 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(217, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 2)  
}
```

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(217, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4137, 65.7960, 24.7335 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(217, 0, 2) }
```


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

```
.border{ border-color:rgb(217, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(217, 0, 2); box-shadow:4px  
4px 4px 4px rgb(217, 0, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4137, 65.7960, 24.7335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 2) }
```

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

```
.background{ background-color: rgb(217, 0,  
2) }
```

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