

Converting Colors

HunterLab(30.1776, 38.1802,
14.5821)

Have a look what the booklet for
HunterLab(30.1776, 38.1802,
14.5821) contains.

HunterLab(30.1776, 38.1802, 14.5821)	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(30.1776, 38.1802,
14.5821)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2A2C
RGB	158, 42, 44
RGB Percent	62%, 16%, 17%
CMY	0.3804, 0.8353, 0.8274
CMYK	0.00, 0.73, 0.72, 0.38
HSL	359°, 58%, 39%
HSV	359°, 73%, 62%
XYZ	15.3831, 9.1069, 3.3299
YIQ	76.9120, 68.4940, 25.2140

Conversions

Conversions Part 2

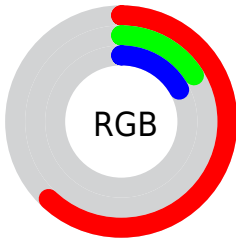
Format	Color
RYB	158, 42, 44
Decimal	10365484
CIELab	36.19, 47.53, 27.44
CIELCh	36, 54.878, 29.999
Yxy	9.1074, 0.5529, 0.3274
Android (android.graphics.Color)	4288555564 (0xFF9E2A2C)
YUV	76.9120, -16.2256, 71.1142
Hunter-Lab	30.1776, 38.1802, 14.5821

Details

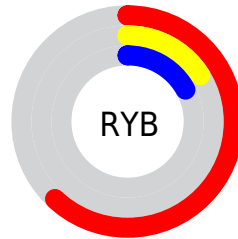
The HunterLab color **30.1776, 38.1802, 14.5821** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **52.2939, -26.0339, -3.8966**, and the grayscale version is **27.2510, -1.4540, 1.4806**.

A 20% lighter version of the original color is **48.9993, 41.5408, 19.2161**, and **16.4600, 28.1883, 10.6361** is the 20% darker color. If you saturate the color by 10%, you get **28.4662, 42.2980, 15.9309**, and if you desaturate by 10%, it is **32.5532, 32.9971, 12.9691**.

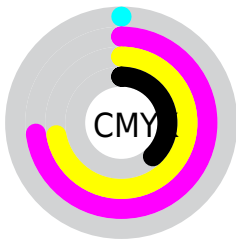
Distribution



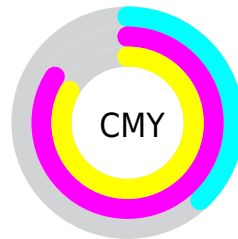
- Red (62%)
- Green (16%)
- Blue (17%)



- Red (62%)
- Yellow (16%)
- Blue (17%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1776, 38.1802, 14.5821 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 30.1776, 38.1802, 14.5821 by changing the saturation by 10% instead.

■ 30.1776, 38.1802,
14.5821

■ 30.1776, 38.1802,
14.5821

■ 135.7119, 50.5750,
33.6345

■ 21.9347, 36.2942,
11.9336

■ 49.0943, 41.6689,
19.3516

■ 14.6184, 34.4306,
10.0979

■ 59.6408, 43.2447,
21.5606

■ 8.2783, 33.6316,
5.7948

■ 70.8501, 44.7088,
23.6896

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.6851, 46.0673,
25.7570

0.0000, NaN, NaN

■ 95.1143, 47.3269,
27.7760

0.0000, NaN, NaN

■ 108.1105, 48.4940,

0.0000, NaN, NaN

29.7570

0.0000, NaN, NaN

121.6501, 49.5749,
31.7077

■ 30.1776, 38.1802,
14.5821

■ 30.1776, 38.1802,
14.5821

■ 28.4662, 42.2980,
15.9309

■ 32.5532, 32.9971,
12.9691

■ 27.4298, 44.9624,
16.8704

■ 35.5292, 27.2273,
11.2440

■ 26.9722, 46.2128,
17.2579

■ 39.0258, 21.2500,
9.5245

■ 42.9623, 15.3106,
7.8802

■ 47.2674, 9.5377,
6.3424

■ 51.8815, 3.9822,
4.9184

■ 56.7568, -1.3494,
3.6029

■ 61.8553, -6.4724,
2.3850

■ 67.1468, -11.4107,
1.2520

Harmonies

Analogous

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



30.1785, 45.7427, 1.6423



30.1776, 38.1802, 14.5821



30.1785, 19.5019, 19.0783

Triad

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



30.1785, 38.1772, 14.5826



30.1785, -27.6893, 14.5830



30.1785, -1.6123, -60.1595

Complementary

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



30.1776, 38.1802, 14.5821



52.2939, -26.0339, -3.8966

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.



30.1785, -18.1551, -48.4002



30.1776, 38.1802, 14.5821



30.1785, -30.6849, 1.6431

Square

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



30.1785, 38.1772, 14.5826



30.1785, -18.1546, 19.0784



30.1785, -27.6896, -22.1661



30.1785, 19.5010, -48.4011

Rectangle

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



30.1776, 38.1802, 14.5821



30.1785, 5.1748, 19.9776



30.1785, -27.6896, -22.1661



30.1785, -7.8472, -58.7640

Sweetspot

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



30.1785, 38.1772, 14.5826



64.2909, 12.1039, 8.3516



33.1786, 51.4282, -36.4600



29.8044, 6.6656, 4.2057



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



30.1785, 38.1772, 14.5826



37.3768, 59.5140, 22.3397



39.7833, 14.3450, 21.4998



25.7835, 0.8301, 2.0853



24.1396, 41.3620, 15.4258



3.2353, 5.5583, 1.9526

Inverse Universe

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



30.1785, 38.1772, 14.5826



37.3768, 59.5140, 22.3397



35.8267, -2.5903, -31.5014



25.7835, 0.8301, 2.0853



24.1396, 41.3620, 15.4258



3.2353, 5.5583, 1.9526

Previews

White Background



This preview shows how the HunterLab color 30.1776, 38.1802, 14.5821 looks on a white background.

Color Contrast Check

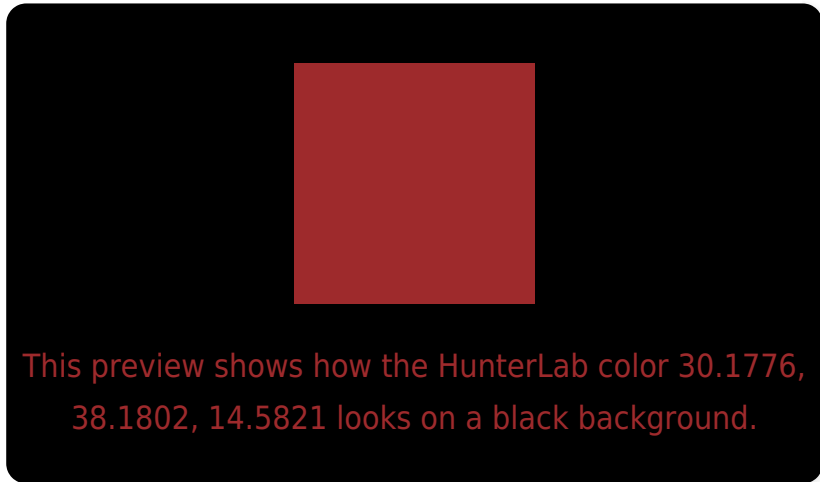
Large Text (above 18pt) WCAG AA ✓ Pass

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

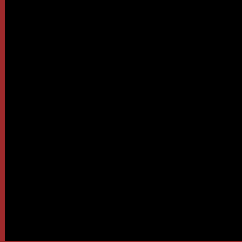
Any Text WCAG AA × Fail

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 30.1776, 38.1802, 14.5821 Background



This preview shows how black text looks on a background with the HunterLab color 30.1776, 38.1802, 14.5821.



This preview shows how white text looks on a background with the HunterLab color 30.1776, 38.1802,

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

30.1776, 38.1802, 14.5821

Protanopia

30.4934, -2.8377, 10.6951

Deuteranopia

30.4860, 1.7735, 15.4124



Tritanopia

30.1776, 38.1802, 14.5821

Trichromacy



Original Color

30.1776, 38.1802, 14.5821

Protanomaly

29.0320, 11.8592, 10.9696

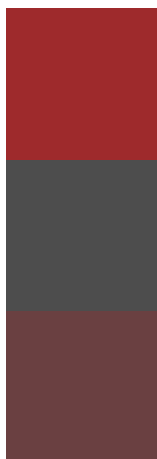
Deuteranomaly

29.3311, 15.5788, 14.2885

Tritanomaly

30.1776, 38.1802, 14.5821

Monochromacy



Original Color

30.1776, 38.1802, 14.5821

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

26.6695, 11.7679, 5.5217

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1776, 38.1802, 14.5821 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(158, 42, 44)` looks like.

```
.text, #text, p{  
    color:rgb(158, 42, 44)  
}
```

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(158, 42, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 42, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1776, 38.1802, 14.5821 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(158, 42, 44) }
```


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

```
.border{ border-color:rgb(158, 42, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 42, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 42, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 42, 44);  
box-shadow:4px 4px 4px 4px rgb(158, 42,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1776, 38.1802, 14.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 42, 44) }
```

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

```
.background{ background-color: rgb(158, 42,  
44) }
```

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