

Converting Colors

HunterLab(40.8826, 63.3430,
23.2020)

Have a look what the booklet for
HunterLab(40.8826, 63.3430,
23.2020) contains.

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Color

**HunterLab(40.8366, 63.1260,
23.2227)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD2229 |
| RGB | 221, 34, 41 |
| RGB Percent | 87%, 13%, 16% |
| CMY | 0.1333, 0.8666, 0.8392 |
| CMYK | 0.00, 0.85, 0.81, 0.13 |
| HSL | 358°, 73%, 50% |
| HSV | 358°, 85%, 87% |
| XYZ | 30.7910, 16.6763, 3.6938 |
| YIQ | 90.7110, 109.2050, 41.8210 |

Conversions

Conversions Part 2

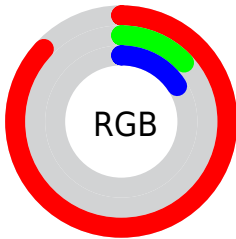
| Format | Color |
|-------------------------------------|---|
| RYB | 221, 34, 41 |
| Decimal | 14492201 |
| CIELab | 47.85, 68.18, 45.34 |
| CIElCh | 48, 81.881, 33.625 |
| Yxy | 16.6773, 0.6018, 0.3260 |
| Android (android.graphics.Color) | 4292682281 (0xFFDD2229) |
| YUV | 90.7110, -24.5075, 114.2635 |
| Hunter-Lab | 40.8366, 63.1260, 23.2227 |

Details

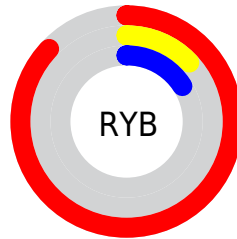
The HunterLab color **40.8366, 63.1260, 23.2227** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.4380, -40.5480, -4.2357**, and the grayscale version is **32.3007, -1.7235, 1.7550**.

A 20% lighter version of the original color is **55.9213, 54.2521, 25.6195**, and **26.7733, 45.8501, 17.3003** is the 20% darker color. If you saturate the color by 10%, you get **39.6012, 66.2495, 24.5901**, and if you desaturate by 10%, it is **43.0846, 57.6573, 21.2317**.

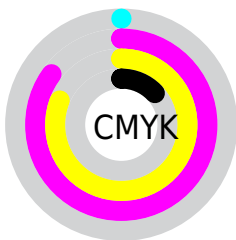
Distribution



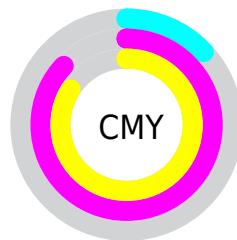
- Red (87%)
- Green (13%)
- Blue (16%)



- Red (87%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (85%)
- Yellow (81%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8366, 63.1260, 23.2227 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 40.8366, 63.1260, 23.2227 by changing the saturation by 10% instead.

40.8366, 63.1260,
23.2227

40.8366, 63.1260,
23.2227

152.7436, 80.2716,
50.7291

31.6302, 60.8497,
19.4062

61.4574, 67.5576,
30.1915

23.2424, 58.6751,
15.7923

72.7730, 69.6542,
33.4218

15.7640, 56.8992,
11.0348

84.7087, 71.6558,
36.5229

9.3228, 56.4641,
6.5259

97.2339, 73.5611,
39.5172

0.0000, INF, NaN

0.0000, INF, NaN

110.3219, 75.3719,
42.4221

0.0000, NaN, NaN

123.9495, 77.0914,

0.0000, NaN, NaN

45.2518

0.0000, NaN, NaN

138.0962, 78.7233,
48.0177

■ 40.8366, 63.1260,
23.2227

■ 40.8366, 63.1260,
23.2227

■ 39.6012, 66.2495,
24.5901

■ 43.0846, 57.6573,
21.2317

■ 39.2302, 67.2291,
24.9924

■ 46.3521, 50.3604,
18.8328

■ 50.5610, 41.9565,
16.2733

■ 55.5907, 33.0881,
13.7458

■ 61.3145, 24.1896,
11.3635

67.6178, 15.4987,
9.1750

74.4050, 7.1164,
7.1881

81.5990, -0.9353,
5.3903

89.1388, -8.6743,
3.7603

Harmonies

Analogous

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



40.8379, 79.6729, 5.7702



40.8366, 63.1260, 23.2227



40.8379, 29.0815, 27.6584

Triad

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



40.8379, 63.1211, 23.2234



40.8379, -44.1286, 20.6722



40.8379, 1.8028, -110.8476

Complementary

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



40.8366, 63.1260, 23.2227



75.4380, -40.5480, -4.2357

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.



40.8379, -26.1821, -93.3997



40.8366, 63.1260, 23.2227



40.8379, -47.3862, -1.6742

Square

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



40.8379, 63.1211, 23.2234



40.8379, -31.0934, 27.1322



40.8379, -41.9707, -45.6116



40.8379, 38.0144, -83.3604

Rectangle

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



40.8366, 63.1260, 23.2227



40.8379, 4.9144, 28.4722



40.8379, -41.9707, -45.6116



40.8379, -8.8231, -110.1021

Sweetspot

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



40.8379, 63.1211, 23.2234



79.0627, 18.8246, 10.9362



45.0674, 82.2320, -60.7840



35.3366, 10.3698, 5.4710

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.8379, 63.1211, 23.2234



46.1312, 79.0463, 29.4583



53.3689, 29.0351, 31.7110



36.1377, 1.3453, 2.8856



29.9067, 51.2635, 18.9573



7.6307, 13.1170, 4.5493

Inverse Universe

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



40.8379, 63.1211, 23.2234



46.1312, 79.0463, 29.4583



48.3859, -1.1656, -54.0271



36.1377, 1.3453, 2.8856



29.9067, 51.2635, 18.9573



7.6307, 13.1170, 4.5493

Previews

White Background



This preview shows how the HunterLab color 40.8366, 63.1260, 23.2227 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 40.8366, 63.1260, 23.2227 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 40.8366, 63.1260, 23.2227 Background



This preview shows how black text looks on a background with the HunterLab color 40.8366, 63.1260, 23.2227.



This preview shows how white text looks on a background with the HunterLab color 40.8366, 63.1260,

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

40.8366, 63.1260, 23.2227

Protanopia

41.2855, -4.7830, 18.8113

Deuteranopia

41.1442, 2.2924, 24.2249



Tritanopia

40.8461, 62.6556, 24.1775

Trichromacy



Original Color

40.8366, 63.1260, 23.2227

Protanomaly

38.0775, 20.9868, 18.3963

Deuteranomaly

38.5992, 26.1654, 22.3560

Tritanomaly

40.8676, 62.7393, 23.8593

Monochromacy



Original Color

40.8366, 63.1260, 23.2227

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.0385, 21.2306, 8.4488

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8366, 63.1260, 23.2227 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(221, 34, 41)` looks like.

```
.text, #text, p{  
    color:rgb(221, 34, 41)  
}
```

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(221, 34, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 34, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8366, 63.1260, 23.2227 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(221, 34, 41) }
```


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

```
.border{ border-color:rgb(221, 34, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 34, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 34, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 34, 41);  
box-shadow:4px 4px 4px 4px rgb(221, 34,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8366, 63.1260, 23.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 34, 41) }
```

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

```
.background{ background-color: rgb(221, 34,  
41) }
```

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](#).

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