

Converting Colors

HunterLab(40.0529, 66.2008,
19.5093)

Have a look what the booklet for
HunterLab(40.0529, 66.2008,
19.5093) contains.

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Color

**HunterLab(40.0527, 66.1957,
19.5109)**

Conversions

Conversions Part 1

Format	Color
Hex	DC143C
RGB	220, 20, 60
RGB Percent	86%, 8%, 24%
CMY	0.1373, 0.9214, 0.7647
CMYK	0.00, 0.91, 0.73, 0.14
HSL	348°, 83%, 47%
HSV	348°, 91%, 86%
XYZ	30.5809, 16.0422, 5.7596
YIQ	84.3600, 106.3600, 54.8400

Conversions

Conversions Part 2

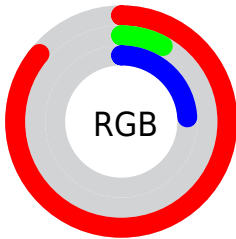
Format	Color
RYB	220, 20, 60
Decimal	14423100
CIELab	47.03, 70.93, 33.60
CIElCh	47, 78.485, 25.344
Yxy	16.0432, 0.5838, 0.3063
Android (android.graphics.Color)	4292613180 (0xFFDC143C)
YUV	84.3600, -12.0095, 118.9563
Hunter-Lab	40.0527, 66.1957, 19.5109

Details

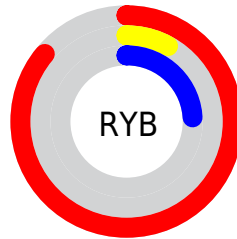
The HunterLab color **40.0527, 66.1957, 19.5109** is a dark color, and the websafe version is hex **CC0033**, and the color name is **crimson**. The color can be described as dark washed red. A complement of this color would be **73.9132, -46.9402, 10.0732**, and the grayscale version is **29.9276, -1.5969, 1.6260**.

A 20% lighter version of the original color is **55.2322, 58.4255, 20.1248**, and **26.6738, 45.8560, 15.8696** is the 20% darker color. If you saturate the color by 10%, you get **39.2392, 67.6613, 21.7671**, and if you desaturate by 10%, it is **41.7349, 62.5659, 16.6783**.

Distribution



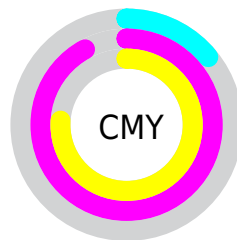
- Red (86%)
- Green (8%)
- Blue (24%)



- Red (86%)
- Yellow (8%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (73%)
- Black (14%)



- Cyan (14%)
- Magenta (92%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0527, 66.1957, 19.5109 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 40.0527, 66.1957, 19.5109 by changing the saturation by 10% instead.

40.0527, 66.1957,
19.5109

40.0527, 66.1957,
19.5109

151.5244, 84.0778,
41.0584

30.9107, 63.8862,
16.5867

60.5584, 70.7609,
24.8664

22.5937, 61.7324,
13.4288

71.8216, 72.9388,
27.3676

15.1949, 60.1019,
10.6364

83.7077, 75.0255,
29.7837

8.8226, 60.4136,
6.1758

96.1856, 77.0180,
32.1314

0.0000, INF, NaN

0.0000, INF, NaN

109.2284, 78.9167,
34.4236

0.0000, NaN, NaN

122.8126, 80.7239,

0.0000, NaN, NaN

36.6704

0.0000, NaN, NaN

136.9174, 82.4431,
38.8798

■ 40.0527, 66.1957,
19.5109

■ 40.0527, 66.1957,
19.5109

■ 39.2392, 67.6613,
21.7671

■ 41.7349, 62.5659,
16.6783

■ 44.4025, 56.6660,
13.8306

■ 48.0250, 49.0744,
11.2343

■ 52.5071, 40.4830,
9.0524

■ 57.7300, 31.4579,
7.3439

■ 63.5776, 22.3694,
6.0963

■ 69.9482, 13.4200,
5.2619

■ 76.7579, 4.6995,
4.7821

■ 83.9395, -3.7683,
4.5999

Harmonies

Analogous

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



40.0540, 75.0829, -2.6390



40.0527, 66.1957, 19.5109



40.0540, 37.1527, 26.3083

Triad

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



40.0540, 66.1908, 19.5117



40.0540, -39.9839, 22.7455



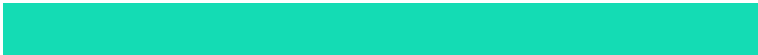
40.0540, -6.8085, -103.4967

Complementary

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



40.0527, 66.1957, 19.5109



73.9132, -46.9402, 10.0732

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.



40.0540, -30.4286, -76.7026



40.0527, 66.1957, 19.5109



40.0540, -45.5592, 6.4663

Square

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



40.0540, 66.1908, 19.5117



40.0540, -24.3600, 26.9867



40.0540, -42.6777, -29.9785



40.0540, 26.3161, -88.6881

Rectangle

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



40.0527, 66.1957, 19.5109



40.0540, 13.8770, 27.5041



40.0540, -42.6777, -29.9785



40.0540, -15.9775, -98.7112

Sweetspot

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



40.0540, 66.1908, 19.5117



77.8505, 22.5315, 6.7909



39.2080, 77.0369, -76.8816



34.8454, 12.1204, 3.3211

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0540, 66.1908, 19.5117



46.3667, 79.9193, 25.9698



45.8330, 46.4118, 28.1966



36.1854, 1.6022, 2.2041



30.0820, 51.9129, 16.3632



7.7371, 13.5099, 2.9852

Inverse Universe

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



40.0540, 66.1908, 19.5117



46.3667, 79.9193, 25.9698



55.1915, -13.2087, -38.9603



36.1854, 1.6022, 2.2041



30.0820, 51.9129, 16.3632



7.7371, 13.5099, 2.9852

Previews

White Background



This preview shows how the HunterLab color 40.0527, 66.1957, 19.5109 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 40.0527, 66.1957, 19.5109 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 40.0527, 66.1957, 19.5109 Background



This preview shows how black text looks on a background with the HunterLab color 40.0527, 66.1957, 19.5109.



This preview shows how white text looks on a background with the HunterLab color 40.0527, 66.1957,

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

40.0527, 66.1957, 19.5109

Protanopia

40.6505, -3.2782, 11.2064

Deuteranopia

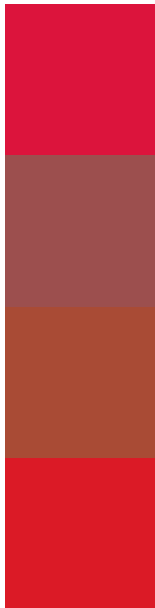
40.3888, 2.8044, 20.6710



Tritanopia

40.0789, 62.8682, 24.3513

Trichromacy



Original Color

40.0527, 66.1957, 19.5109

Protanomaly

36.3455, 24.2147, 11.0619

Deuteranomaly

37.0462, 29.2267, 17.9488

Tritanomaly

39.9234, 63.9647, 22.9972

Monochromacy



Original Color

40.0527, 66.1957, 19.5109

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.7187, 23.7415, 5.4480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0527, 66.1957, 19.5109 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(220, 20, 60)` looks like.

```
.text, #text, p{  
    color:rgb(220, 20, 60)  
}
```

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(220, 20, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 20, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0527, 66.1957, 19.5109 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(220, 20, 60) }
```


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

```
.border{ border-color:rgb(220, 20, 60) }
```

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

Here you see how a box with a 4 pixel rgb(220, 20, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 20, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 20, 60);  
box-shadow:4px 4px 4px 4px rgb(220, 20,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0527, 66.1957, 19.5109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 20, 60) }
```

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

```
.background{ background-color: rgb(220, 20,  
60) }
```

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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