

Converting Colors

HunterLab(40.7954, 62.2941,
23.9608)

Have a look what the booklet for
HunterLab(40.7954, 62.2941,
23.9608) contains.

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Color

**HunterLab(40.7416, 62.1097,
23.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	DC2423
RGB	220, 36, 35
RGB Percent	86%, 14%, 14%
CMY	0.1373, 0.8587, 0.8627
CMYK	0.00, 0.84, 0.84, 0.14
HSL	0°, 73%, 50%
HSV	0°, 84%, 86%
XYZ	30.4495, 16.5988, 3.1891
YIQ	90.9020, 109.9850, 38.6970

Conversions

Conversions Part 2

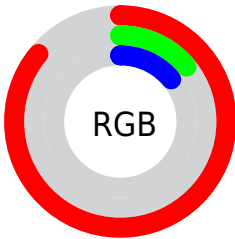
Format	Color
R _Y B	220, 36, 35
Decimal	14427171
CIE Lab	47.75, 67.33, 48.27
CIE LCh	48, 82.845, 35.633
Yxy	16.5998, 0.6061, 0.3304
Android (android.graphics.Color)	4292617251 (0xFFDC2423)
YUV	90.9020, -27.5597, 113.2189
Hunter-Lab	40.7416, 62.1097, 23.8781

Details

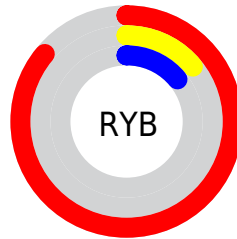
The HunterLab color **40.7416, 62.1097, 23.8781** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **74.9517, -38.4337, -8.0493**, and the grayscale version is **32.3819, -1.7278, 1.7594**.

A 20% lighter version of the original color is **56.0107, 53.4046, 26.9984**, and **26.5856, 45.5286, 17.1790** is the 20% darker color. If you saturate the color by 10%, you get **39.4493, 65.5610, 24.8839**, and if you desaturate by 10%, it is **43.0428, 56.3912, 22.1779**.

Distribution



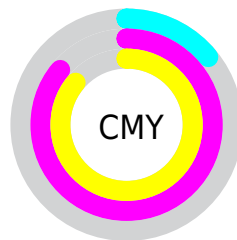
- Red (86%)
- Green (14%)
- Blue (14%)



- Red (86%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (84%)
- Yellow (84%)
- Black (14%)




- Cyan (14%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7416, 62.1097, 23.8781 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 40.7416, 62.1097, 23.8781 by changing the saturation by 10% instead.


 40.7416, 62.1097,
23.8781


 40.7416, 62.1097,
23.8781


152.5961, 79.0501,
52.9121


 31.5430, 59.8466,
19.8393


 61.3485, 66.5024,
31.2575


 23.1636, 57.6759,
16.2145

 72.6578, 68.5765,
34.6749

 15.6949, 55.8861,
10.9864


 84.5876, 70.5547,
37.9522

 9.2638, 55.4054,
6.4846

 97.1070, 72.4360,
41.1128

0.0000, INF, NaN

0.0000, INF, NaN

 110.1895, 74.2227,
44.1754

0.0000, NaN, NaN


 123.8119, 75.9180,


0.0000, NaN, NaN

47.1550


0.0000, NaN, NaN


 137.9536, 77.5258,
50.0639

 40.7416, 62.1097,
23.8781


 40.7416, 62.1097,
23.8781


 39.4493, 65.5610,
24.8839


 43.0428, 56.3912,
22.1779

 39.0408, 66.6855,
25.2242

 46.3517, 48.9661,
19.9569

 50.5869, 40.5541,
17.4512

 55.6278, 31.7735,
14.8612

 61.3492, 23.0302,
12.3172

■ 67.6388, 14.5391,
9.8866

■ 74.4032, 6.3858,
7.5939

■ 81.5671, -1.4177,
5.4398

■ 89.0708, -8.8954,
3.4138

Harmonies

Analogous

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



40.7429, 80.5747, 7.6345



40.7416, 62.1097, 23.8781



40.7429, 26.9590, 27.8216

Triad

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



40.7429, 62.1049, 23.8788



40.7429, -44.9179, 19.9155



40.7429, 4.1443, -112.4601

Complementary

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



40.7416, 62.1097, 23.8781



74.9517, -38.4337, -8.0493

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.



40.7429, -24.8945, -97.6647



40.7416, 62.1097, 23.8781



40.7429, -47.5933, -4.0628

Square

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



40.7429, 62.1049, 23.8788



40.7429, -32.5766, 26.9906



40.7429, -41.5553, -49.8722



40.7429, 41.0194, -81.7762

Rectangle

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



40.7416, 62.1097, 23.8781



40.7429, 2.6941, 28.5200



40.7429, -41.5553, -49.8722



40.7429, -6.8278, -112.8113

Sweetspot

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



40.7429, 62.1049, 23.8788



79.0929, 18.2880, 11.9995



46.4596, 84.0355, -56.3093



35.3520, 10.0933, 6.0171

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.7429, 62.1049, 23.8788



46.1416, 78.8491, 29.8126



55.3580, 23.9522, 32.8276



36.1427, 1.2593, 3.0579



29.9176, 51.0568, 19.3289



7.6420, 12.9027, 4.9349

Inverse Universe

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



74.9517, -38.4337, -8.0493



88.2311, -46.4447, -10.0204



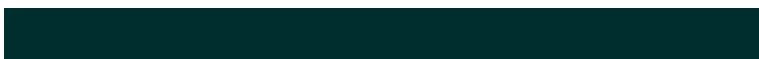
45.6430, 3.2894, -59.7720



38.4924, -5.0438, 1.0618



57.1904, -30.1101, -6.4840



14.5706, -7.6805, -1.6320

Previews

White Background



This preview shows how the HunterLab color 40.7416, 62.1097, 23.8781 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 40.7416, 62.1097, 23.8781 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 40.7416, 62.1097, 23.8781 Background



This preview shows how black text looks on a background with the HunterLab color 40.7416, 62.1097, 23.8781.



This preview shows how white text looks on a background with the HunterLab color 40.7416, 62.1097,

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

40.7416, 62.1097, 23.8781

Protanopia

41.0037, -4.5612, 20.1399

Deuteranopia

40.8313, 2.4610, 24.8696



Tritanopia

40.7344, 62.0817, 23.9844

Trichromacy



Original Color

40.7416, 62.1097, 23.8781

Protanomaly

37.9972, 20.5949, 19.5779

Deuteranomaly

38.5343, 25.8570, 23.3168

Tritanomaly

40.7344, 62.0817, 23.9844

Monochromacy



Original Color

40.7416, 62.1097, 23.8781

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.1942, 20.5719, 9.2197

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7416, 62.1097, 23.8781 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, 36, 35)` looks like.

```
.text, #text, p{  
  color:rgb(220, 36, 35)  
}
```

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, 36, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 36, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7416, 62.1097, 23.8781 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, 36, 35) }
```


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

```
.border{ border-color:rgb(220, 36, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 36, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 36, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 36, 35);  
box-shadow:4px 4px 4px 4px rgb(220, 36,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7416, 62.1097, 23.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 36, 35) }
```

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

```
.background{ background-color: rgb(220, 36,  
35) }
```

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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