

Converting Colors

HunterLab(40.0970, 65.9724,
21.8859)

Have a look what the booklet for
HunterLab(40.0970, 65.9724,
21.8859) contains.

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Color

**HunterLab(40.0970, 65.9724,
21.8859)**

Conversions

Conversions Part 1

Format	Color
Hex	DD142F
RGB	221, 20, 47
RGB Percent	87%, 8%, 18%
CMY	0.1333, 0.9214, 0.8157
CMYK	0.00, 0.91, 0.79, 0.13
HSL	352°, 83%, 47%
HSV	352°, 91%, 87%
XYZ	30.5820, 16.0777, 4.1808
YIQ	83.1770, 111.1290, 51.0090

Conversions

Conversions Part 2

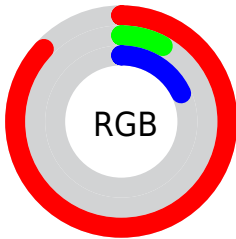
Format	Color
RYB	221, 20, 47
Decimal	14488623
CIELab	47.08, 70.74, 41.28
CIElCh	47, 81.899, 30.267
Yxy	16.0787, 0.6015, 0.3162
Android (android.graphics.Color)	4292678703 (0xFFDD142F)
YUV	83.1770, -17.8353, 120.8708
Hunter-Lab	40.0970, 65.9724, 21.8859

Details

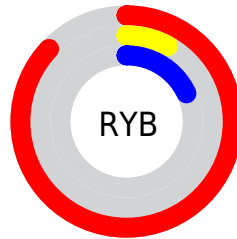
The HunterLab color **40.0970, 65.9724, 21.8859** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **74.6713, -44.8890, 4.6863**, and the grayscale version is **29.5160, -1.5749, 1.6037**.

A 20% lighter version of the original color is **55.0023, 57.4201, 23.4822**, and **26.7815, 45.8805, 17.1787** is the 20% darker color. If you saturate the color by 10%, you get **39.3243, 67.5780, 23.5971**, and if you desaturate by 10%, it is **41.7520, 62.1967, 19.4673**.

Distribution



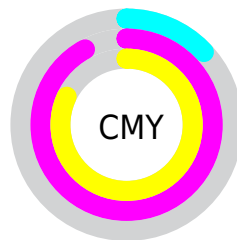
- Red (87%)
- Green (8%)
- Blue (18%)



- Red (87%)
- Yellow (8%)
- Blue (18%)



- Cyan (0%)
- Magenta (91%)
- Yellow (79%)
- Black (13%)



- Cyan (13%)
- Magenta (92%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0970, 65.9724, 21.8859 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 40.0970, 65.9724, 21.8859 by changing the saturation by 10% instead.

■ 40.0970, 65.9724,
21.8859

■ 40.0970, 65.9724,
21.8859

151.5934, 83.8036,
47.3639

■ 30.9514, 63.6648,
18.3612

■ 60.6092, 70.5285,
28.3153

■ 22.6303, 61.5092,
14.8511

■ 71.8755, 72.7008,
31.2985

■ 15.2270, 59.8679,
10.6589

■ 83.7644, 74.7817,
34.1662

■ 8.8517, 60.1185,
6.1962

■ 96.2449, 76.7682,
36.9391

0.0000, INF, NaN

0.0000, INF, NaN

■ 109.2903, 78.6607,
39.6337

0.0000, NaN, NaN

■ 122.8769, 80.4619,

0.0000, NaN, NaN

42.2627

0.0000, NaN, NaN

136.9842, 82.1750,
44.8366

■ 40.0970, 65.9724,
21.8859

■ 40.0970, 65.9724,
21.8859

■ 39.3243, 67.5780,
23.5971

■ 41.7520, 62.1967,
19.4673

■ 44.4130, 56.1750,
16.8024

■ 48.0504, 48.5028,
14.1645

■ 52.5661, 39.8844,
11.7539

■ 57.8380, 30.8892,
9.6747

■ 63.7462, 21.8831,
7.9543

■ 70.1864, 13.0603,
6.5751

■ 77.0724, 4.5017,
5.4993

■ 84.3354, -3.7764,
4.6844

Harmonies

Analogous

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



40.0983, 79.7130, 2.4546



40.0970, 65.9724, 21.8859



40.0983, 33.1302, 27.0298

Triad

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



40.0983, 65.9675, 21.8867



40.0983, -42.7796, 21.7029



40.0983, -1.8544, -111.3935

Complementary

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



40.0970, 65.9724, 21.8859



74.6713, -44.8890, 4.6863

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.



40.0983, -28.3035, -89.0469



40.0970, 65.9724, 21.8859



40.0983, -46.9597, 1.9088

Square

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



40.0983, 65.9675, 21.8867



40.0983, -28.6620, 26.9903



40.0983, -42.6228, -39.8988



40.0983, 33.7881, -88.3019

Rectangle

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



40.0970, 65.9724, 21.8859



40.0983, 8.7893, 28.0225



40.0983, -42.6228, -39.8988



40.0983, -12.0142, -108.8247

Sweetspot

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



40.0983, 65.9675, 21.8867



77.7167, 21.8436, 8.7065



40.9626, 79.7475, -72.3752



34.7767, 11.7714, 4.3046

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0983, 65.9675, 21.8867



46.2350, 79.4314, 27.9183



47.7469, 42.1773, 29.3361



36.1660, 1.4978, 2.4811



29.9881, 51.5654, 17.7505



7.6943, 13.3521, 3.6120

Inverse Universe

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



40.0983, 65.9675, 21.8867



46.2350, 79.4314, 27.9183



52.3389, -8.5406, -45.3895



36.1660, 1.4978, 2.4811



29.9881, 51.5654, 17.7505



7.6943, 13.3521, 3.6120

Previews

White Background



This preview shows how the HunterLab color 40.0970, 65.9724, 21.8859 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 40.0970, 65.9724, 21.8859 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 40.0970, 65.9724, 21.8859 Background



This preview shows how black text looks on a background with the HunterLab color 40.0970, 65.9724, 21.8859.



This preview shows how white text looks on a background with the HunterLab color 40.0970, 65.9724,

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

40.0970, 65.9724, 21.8859

Protanopia

40.5908, -4.1436, 16.2319

Deuteranopia

40.4604, 2.7541, 22.9773



Tritanopia

40.2058, 64.2659, 24.8535

Trichromacy



Original Color

40.0970, 65.9724, 21.8859

Protanomaly

36.4838, 24.0414, 15.4958

Deuteranomaly

37.1802, 29.2473, 20.6312

Tritanomaly

40.1487, 64.8075, 24.0601

Monochromacy



Original Color

40.0970, 65.9724, 21.8859

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.4287, 23.6772, 6.8744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0970, 65.9724, 21.8859 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, 20, 47)` looks like.

```
.text, #text, p{  
    color:rgb(221, 20, 47)  
}
```

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, 20, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 20, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0970, 65.9724, 21.8859 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, 20, 47) }
```


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

```
.border{ border-color:rgb(221, 20, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 20, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 20, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 20, 47);  
box-shadow:4px 4px 4px 4px rgb(221, 20,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0970, 65.9724, 21.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 20, 47) }
```

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

```
.background{ background-color: rgb(221, 20,  
47) }
```

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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