

Converting Colors

HunterLab(36.0005, 61.9937,
20.6141)

Have a look what the booklet for
HunterLab(36.0005, 61.9937,
20.6141) contains.

HunterLab(35.9982, 61.9851, 20.6481)	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(35.9982, 61.9851,
20.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0023
RGB	204, 0, 35
RGB Percent	80%, 0%, 14%
CMY	0.2000, 0.9998, 0.8627
CMYK	0.00, 1.00, 0.83, 0.20
HSL	350°, 100%, 40%
HSV	350°, 100%, 80%
XYZ	25.2052, 12.9587, 2.7629
YIQ	64.9860, 110.3490, 54.1330

Conversions

Conversions Part 2

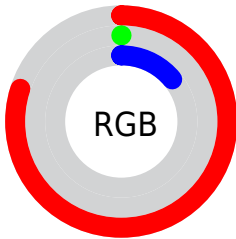
Format	Color
RYB	204, 0, 35
Decimal	13369379
CIELab	42.70, 68.21, 42.44
CIElCh	43, 80.332, 31.889
Yxy	12.9595, 0.6158, 0.3166
Android (android.graphics.Color)	4291559459 (0xFFCC0023)
YUV	64.9860, -14.7831, 121.9153
Hunter-Lab	35.9982, 61.9851, 20.6481

Details

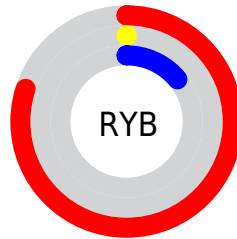
The HunterLab color **35.9982, 61.9851, 20.6481** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **67.8614, -43.1122, 8.2483**, and the grayscale version is **23.0176, -1.2282, 1.2506**.

A 20% lighter version of the original color is **53.3944, 60.5170, 25.3167**, and **23.6124, 40.4369, 15.2578** is the 20% darker color. If you saturate the color by 10%, you get **35.9978, 61.9838, 20.6523**, and if you desaturate by 10%, it is **36.8787, 60.2294, 18.5740**.

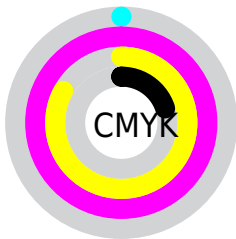
Distribution



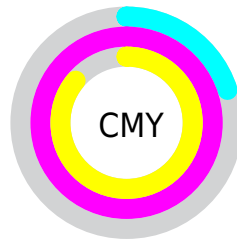
- Red (80%)
- Green (0%)
- Blue (14%)



- Red (80%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9982, 61.9851, 20.6481 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 35.9982, 61.9851, 20.6481 by changing the saturation by 10% instead.

■ 35.9982, 61.9851,
20.6481

■ 35.9982, 61.9851,
20.6481

145.1407, 79.5225,
47.1520

■ 27.2042, 59.7369,
16.9180

■ 55.8848, 66.4755,
27.4087

■ 19.2716, 57.7085,
13.4901

■ 66.8674, 68.6195,
30.5260

■ 12.3080, 56.4206,
8.6156

■ 78.4880, 70.6712,
33.5121

■ 5.4695, 72.2204,
3.8286

■ 90.7132, 72.6268,
36.3909

0.0000, INF, NaN

0.0000, NaN, NaN

■ 103.5145, 74.4867,
39.1810


0.0000, NaN, NaN


■ 116.8670, 76.2536,


0.0000, NaN, NaN

41.8971


0.0000, NaN, NaN


 130.7489, 77.9309,
44.5509


 35.9982, 61.9851,
20.6481


 35.9982, 61.9851,
20.6481


 35.9978, 61.9838,
20.6523

 36.8787, 60.2294,
18.5740

 38.5221, 56.5717,
16.1102

 41.0706, 50.9122,
13.5771

 44.4855, 43.8142,
11.2114

 48.6751, 35.9015,
9.1641

■ 53.5301, 27.6656,
7.4964

■ 58.9453, 19.4195,
6.2071

■ 64.8295, 11.3290,
5.2619

■ 71.1078, 3.4637,
4.6152

Harmonies

Analogous

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



35.9994, 76.6179, 3.7367



35.9982, 61.9851, 20.6481



35.9994, 29.7913, 24.8808

Triad

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



35.9994, 61.9805, 20.6488



35.9994, -40.2056, 19.4978



35.9994, 0.0153, -108.8240

Complementary

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



35.9982, 61.9851, 20.6481



67.8614, -43.1122, 8.2483

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.



35.9994, -25.4364, -88.9958



35.9982, 61.9851, 20.6481



35.9994, -43.5660, 0.0869

Square

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



35.9994, 61.9805, 20.6488



35.9994, -27.7879, 24.5758



35.9994, -39.1969, -41.2453



35.9994, 34.2509, -83.8034

Rectangle

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



35.9982, 61.9851, 20.6481



35.9994, 6.6576, 25.1995



35.9994, -39.1969, -41.2453



35.9994, -9.7679, -107.1478

Sweetspot

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



35.9994, 61.9805, 20.6488



75.5571, 25.4252, 8.0471



35.4024, 72.9350, -72.5803



33.5471, 13.8540, 4.0280

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.9994, 61.9805, 20.6488



46.3030, 79.6832, 26.9123



40.7130, 46.1253, 25.8929



33.5329, 1.4130, 2.1511



28.5759, 49.2374, 16.1372



6.5666, 11.4643, 2.5472

Inverse Universe

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



35.9994, 61.9805, 20.6488



46.3030, 79.6832, 26.9123



47.9009, -8.5819, -41.3428



33.5329, 1.4130, 2.1511



28.5759, 49.2374, 16.1372



6.5666, 11.4643, 2.5472

Previews

White Background



This preview shows how the HunterLab color 35.9982, 61.9851, 20.6481 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 35.9982, 61.9851, 20.6481 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 35.9982, 61.9851, 20.6481 Background



This preview shows how black text looks on a background with the HunterLab color 35.9982, 61.9851, 20.6481.



This preview shows how white text looks on a background with the HunterLab color 35.9982, 61.9851,

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

35.9982, 61.9851, 20.6481

Protanopia

36.8286, -3.8483, 16.6030

Deuteranopia

36.7599, 1.9663, 22.0156



Tritanopia

36.2341, 58.9836, 23.3599

Trichromacy



Original Color

35.9982, 61.9851, 20.6481

Protanomaly

32.1137, 24.4773, 15.0541

Deuteranomaly

32.6669, 29.0153, 19.2595

Tritanomaly

36.0068, 60.0351, 22.6113

Monochromacy



Original Color

35.9982, 61.9851, 20.6481

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.5907, 24.2519, 6.1897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9982, 61.9851, 20.6481 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(204, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 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(204, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9982, 61.9851, 20.6481 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(204, 0, 35) }
```


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

```
.border{ border-color:rgb(204, 0, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 35);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.9982, 61.9851, 20.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 35) }
```

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

```
.background{ background-color: rgb(204, 0,  
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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