

Converting Colors

HunterLab(20.9863, 37.0711,
4.7910)

Have a look what the booklet for
HunterLab(20.9863, 37.0711,
4.7910) contains.

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Color

**HunterLab(20.9203, 36.9691,
4.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0033
RGB	122, 0, 51
RGB Percent	48%, 0%, 20%
CMY	0.5216, 0.9999, 0.8000
CMYK	0.00, 1.00, 0.58, 0.52
HSL	335°, 100%, 24%
HSV	335°, 100%, 48%
XYZ	8.6236, 4.3766, 3.5222
YIQ	42.2920, 56.3410, 41.7250

Conversions

Conversions Part 2

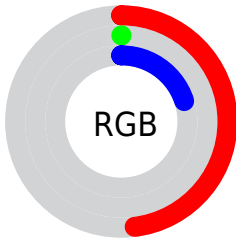
Format	Color
R_{YB}	122, 0, 51
Decimal	7995443
CIE Lab	24.88, 48.47, 6.76
CIE LCh	25, 48.936, 7.936
Yxy	4.3769, 0.5219, 0.2649
Android (android.graphics.Color)	4286185523 (0xFF7A0033)
YUV	42.2920, 4.2930, 69.9039
Hunter-Lab	20.9203, 36.9691, 4.6619

Details

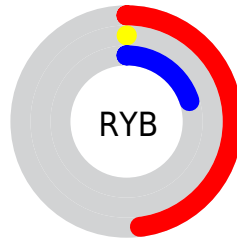
The HunterLab color **20.9203, 36.9691, 4.6619** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.9133, -28.2248, 13.5422**, and the grayscale version is **15.2872, -0.8157, 0.8306**.

A 20% lighter version of the original color is **38.0300, 41.0652, 6.5213**, and **10.9638, 18.8559, 6.4648** is the 20% darker color. If you saturate the color by 10%, you get **20.9201, 36.9685, 4.6641**, and if you desaturate by 10%, it is **21.7076, 35.4124, 3.0259**.

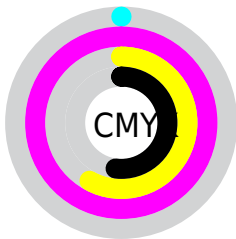
Distribution



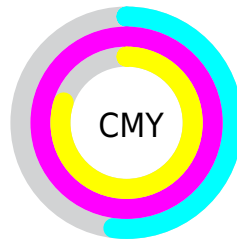
- Red (48%)
- Green (0%)
- Blue (20%)



- Red (48%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9203, 36.9691, 4.6619 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 20.9203, 36.9691, 4.6619 by changing the saturation by 10% instead.

■ 20.9203, 36.9691,
4.6619

■ 20.9203, 36.9691,
4.6619

■ 119.8460, 50.6372,
13.2674

■ 13.7351, 35.1169,
3.7132

■ 38.0212, 40.7201,
6.5110

■ 7.3502, 36.1618,
4.2105

■ 47.7639, 42.4574,
7.4368

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.2205, 44.0810,
8.3720

0.0000, NaN, NaN

■ 69.3452, 45.5925,
9.3198

0.0000, NaN, NaN

■ 81.1001, 46.9975,
10.2821

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.4531, 48.3024,

11.2603

0.0000, NaN, NaN

106.3764, 49.5136,
12.2552

20.9203, 36.9691,
4.6619

20.9203, 36.9691,
4.6619

20.9201, 36.9685,
4.6641

21.7076, 35.4124,
3.0259

22.7859, 33.1449,
1.5281

24.3076, 29.8323,
0.4198

26.2468, 25.7657,
-0.2597

28.5595, 21.2440,
-0.5290

■ 31.1957, 16.5038,
-0.4385

■ 34.1080, 11.7027,
-0.0483

■ 37.2548, 6.9326,
0.5849

■ 40.6014, 2.2395,
1.4132

Harmonies

Analogous

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



20.9209, 33.9485, -12.4240



20.9203, 36.9691, 4.6619



20.9209, 27.6879, 12.1063

Triad

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



20.9209, 36.9667, 4.6625



20.9209, -16.3706, 13.7925



20.9209, -11.1074, -45.3062

Complementary

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



20.9203, 36.9691, 4.6619



37.9133, -28.2248, 13.5422

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.



20.9209, -19.7053, -24.5885



20.9203, 36.9691, 4.6619



20.9209, -22.0753, 9.1896

Square

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



20.9209, 36.9667, 4.6625



20.9209, -5.0459, 14.6447



20.9209, -23.0889, -3.1296



20.9209, 3.1242, -50.2741

Rectangle

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



20.9203, 36.9691, 4.6619



20.9209, 17.0097, 14.3623



20.9209, -23.0889, -3.1296



20.9209, -14.6155, -39.4799

Sweetspot

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



20.9209, 36.9667, 4.6625



44.9458, 15.9895, -0.1139



16.3576, 36.5982, -56.0171



20.8560, 8.6713, -0.1527



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.9209, 36.9667, 4.6625



27.7012, 48.8625, 6.8659



20.7712, 33.3835, 13.3824



20.1004, 0.8907, 0.7357



21.4620, 37.9191, 4.8398



46.7013, 82.1842, 13.0713

Inverse Universe

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



20.9209, 36.9667, 4.6625



27.7012, 48.8625, 6.8659



36.6196, -17.7022, -7.5560



20.1004, 0.8907, 0.7357



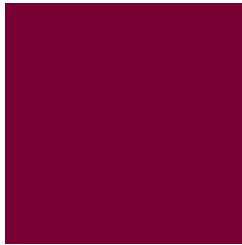
21.4620, 37.9191, 4.8398



46.7013, 82.1842, 13.0713

Previews

White Background



This preview shows how the HunterLab color 20.9203, 36.9691, 4.6619 looks on a white background.

Color Contrast Check

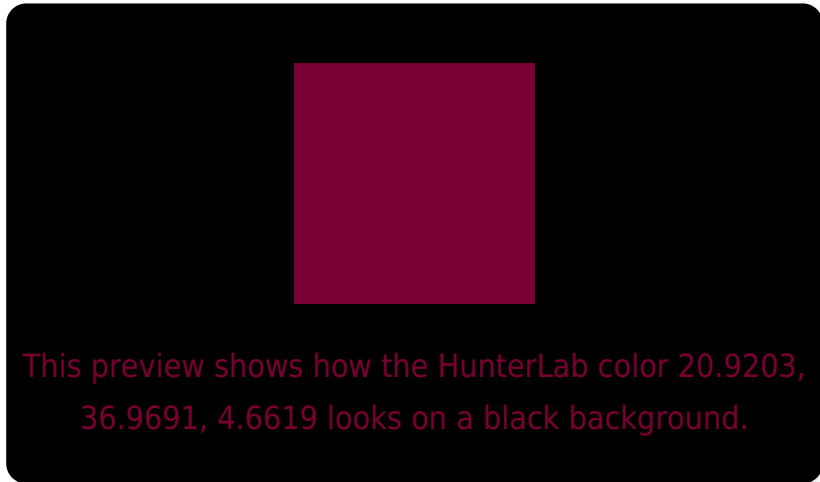
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

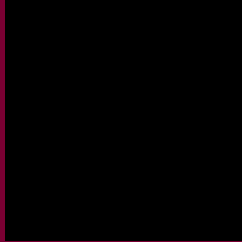
Any Text WCAG AA × Fail

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 20.9203, 36.9691, 4.6619 Background



This preview shows how black text looks on a background with the HunterLab color 20.9203, 36.9691, 4.6619.



This preview shows how white text looks on a background with the HunterLab color 20.9203, 36.9691,

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

20.9203, 36.9691, 4.6619

Protanopia

22.1367, 0.1443, -3.7089

Deuteranopia

22.1016, 1.1630, 6.7054



Tritanopia

21.4843, 31.0428, 11.9556

Trichromacy



Original Color

20.9203, 36.9691, 4.6619

Protanomaly

19.1921, 15.4857, -3.8257

Deuteranomaly

19.5545, 16.3598, 3.8573

Tritanomaly

21.0991, 33.0955, 9.9378

Monochromacy



Original Color

20.9203, 36.9691, 4.6619

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.2083, 14.0439, -0.0614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9203, 36.9691, 4.6619 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(122, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 51)  
}
```

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(122, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9203, 36.9691, 4.6619 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(122, 0, 51) }
```


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

```
.border{ border-color:rgb(122, 0, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 0, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(122, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9203, 36.9691, 4.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 51) }
```

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

```
.background{ background-color: rgb(122, 0,  
51) }
```

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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