

Converting Colors

HunterLab(20.4681, 29.3290,
7.0349)

Have a look what the booklet for
HunterLab(20.4681, 29.3290,
7.0349) contains.

HunterLab(20.5113, 29.1866, 7.0860)	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(20.5113, 29.1866,
7.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	711529
RGB	113, 21, 41
RGB Percent	44%, 8%, 16%
CMY	0.5569, 0.9176, 0.8392
CMYK	0.00, 0.81, 0.64, 0.56
HSL	347°, 69%, 26%
HSV	347°, 81%, 44%
XYZ	7.4785, 4.2071, 2.5157
YIQ	50.7880, 48.4120, 25.7240

Conversions

Conversions Part 2

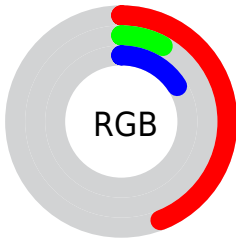
Format	Color
R_YB	113, 21, 41
Decimal	7410985
CIE Lab	24.35, 40.35, 12.60
CIE LCh	24, 42.272, 17.338
Yxy	4.2074, 0.5266, 0.2963
Android (android.graphics.Color)	4285601065 (0xFF711529)
YUV	50.7880, -4.8255, 54.5599
Hunter-Lab	20.5113, 29.1866, 7.0860

Details

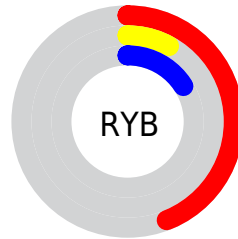
The HunterLab color **20.5113, 29.1866, 7.0860** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35.7213, -21.5838, 4.4421**, and the grayscale version is **18.1290, -0.9673, 0.9850**.

A 20% lighter version of the original color is **37.5706, 32.6271, 9.8283**, and **9.6426, 16.5133, 6.2308** is the 20% darker color. If you saturate the color by 10%, you get **19.5616, 31.2687, 8.4256**, and if you desaturate by 10%, it is **21.8844, 26.1972, 5.8160**.

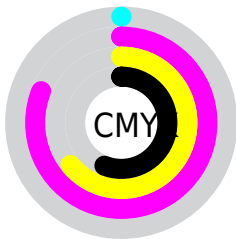
Distribution



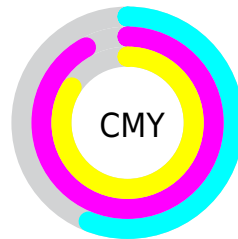
- Red (44%)
- Green (8%)
- Blue (16%)



- Red (44%)
- Yellow (8%)
- Blue (16%)



- Cyan (0%)
- Magenta (81%)
- Yellow (64%)
- Black (56%)



- Cyan (56%)
- Magenta (92%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5113, 29.1866, 7.0860 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 20.5113, 29.1866, 7.0860 by changing the saturation by 10% instead.

■ 20.5113, 29.1866,
7.0860

■ 20.5113, 29.1866,
7.0860

■ 119.1125, 40.3817,
18.7032

■ 13.3800, 27.4419,
5.6061

■ 37.5215, 32.4560,
9.8185

■ 6.9360, 28.9461,
4.8552

■ 47.2245, 33.9104,
11.1175

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.6442, 35.2441,
12.3947

0.0000, NaN, NaN

■ 68.7342, 36.4649,
13.6597

0.0000, NaN, NaN

■ 80.4563, 37.5814,
14.9190


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.7780, 38.6016,


16.1773


0.0000, NaN, NaN


 105.6715, 39.5329,
17.4379

 20.5113, 29.1866,
7.0860


 20.5113, 29.1866,
7.0860


 19.5616, 31.2687,
8.4256


 21.8844, 26.1972,
5.8160

 18.9182, 32.7590,
9.4261

 23.6547, 22.5758,
4.7061

 25.7797, 18.5936,
3.8046

 28.2107, 14.4620,
3.1215

 30.9016, 10.3175,
2.6440

■ 33.8123, 6.2354,
2.3483

■ 36.9094, 2.2496,
2.2084

■ 40.1658, -1.6299,
2.1998

■ 43.5599, -5.4065,
2.3012

Harmonies

Analogous

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



20.5119, 30.0013, -4.9114



20.5113, 29.1866, 7.0860



20.5119, 19.0906, 12.1577

Triad

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



20.5119, 29.1845, 7.0865



20.5119, -16.6202, 11.6649



20.5119, -6.3672, -39.1627

Complementary

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



20.5113, 29.1866, 7.0860



35.7213, -21.5838, 4.4421

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.



20.5119, -15.6159, -25.7505



20.5113, 29.1866, 7.0860



20.5119, -20.4478, 5.7347

Square

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



20.5119, 29.1845, 7.0865



20.5119, -8.1236, 14.0302



20.5119, -20.1339, -7.4591



20.5119, 7.0281, -37.8797

Rectangle

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



20.5113, 29.1866, 7.0860



20.5119, 9.6267, 13.7588



20.5119, -20.1339, -7.4591



20.5119, -9.9863, -35.9881

Sweetspot

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



20.5119, 29.1845, 7.0865



43.9582, 10.0970, 3.2458



19.9506, 33.2294, -33.5529



20.6208, 5.5804, 1.6121



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



20.5119, 29.1845, 7.0865



25.4341, 43.3724, 12.8225



23.4158, 19.2789, 12.9689



18.4724, 0.6384, 1.0761



20.1424, 34.8657, 10.1372



44.8352, 77.3705, 24.4060

Inverse Universe

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



20.5119, 29.1845, 7.0865



25.4341, 43.3724, 12.8225



28.9972, -8.7729, -14.2292



18.4724, 0.6384, 1.0761



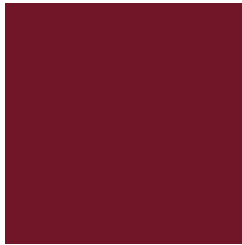
20.1424, 34.8657, 10.1372



44.8352, 77.3705, 24.4060

Previews

White Background



This preview shows how the HunterLab color 20.5113, 29.1866, 7.0860 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

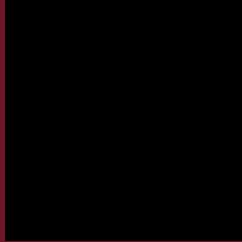
Any Text WCAG AA × Fail

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 20.5113, 29.1866, 7.0860 Background



This preview shows how black text looks on a background with the HunterLab color 20.5113, 29.1866, 7.0860.



This preview shows how white text looks on a background with the HunterLab color 20.5113, 29.1866,

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

20.5113, 29.1866, 7.0860

Protanopia

21.3337, -1.0127, 2.3701

Deuteranopia

21.0508, 0.9293, 8.2867



Tritanopia

20.5188, 26.7727, 10.4547

Trichromacy



Original Color

20.5113, 29.1866, 7.0860

Protanomaly

19.8553, 9.9146, 3.0560

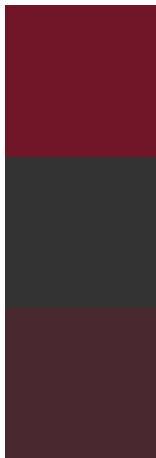
Deuteranomaly

19.9187, 11.5716, 7.0181

Tritanomaly

20.4864, 27.3713, 9.3511

Monochromacy



Original Color

20.5113, 29.1866, 7.0860

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.8288, 9.8075, 2.2143

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5113, 29.1866, 7.0860 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(113, 21, 41)` looks like.

```
.text, #text, p{  
    color:rgb(113, 21, 41)  
}
```

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(113, 21, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 21, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5113, 29.1866, 7.0860 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(113, 21, 41) }
```


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

```
.border{ border-color:rgb(113, 21, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 21, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 21, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 21, 41);  
box-shadow:4px 4px 4px 4px rgb(113, 21,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5113, 29.1866, 7.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 21, 41) }
```

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

```
.background{ background-color: rgb(113, 21,  
41) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor