

Converting Colors

HunterLab(36.2736, -20.6669,
7.7515)

Have a look what the booklet for
HunterLab(36.2736, -20.6669,
7.7515) contains.

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Color

**HunterLab(36.4203,
-20.7077, 7.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	2D7256
RGB	45, 114, 86
RGB Percent	18%, 45%, 34%
CMY	0.8235, 0.5529, 0.6627
CMYK	0.61, 0.00, 0.25, 0.55
HSL	156°, 43%, 31%
HSV	156°, 61%, 45%
XYZ	8.7792, 13.2644, 10.9016
YIQ	90.1770, -32.1360, -23.3360

Conversions

Conversions Part 2

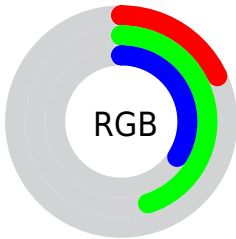
Format	Color
RYB	45, 88, 114
Decimal	2978390
CIELab	43.16, -28.98, 9.13
CIELCh	43, 30.382, 162.514
Yxy	13.2649, 0.2665, 0.4026
Android (android.graphics.Color)	4281168470 (0xFF2D7256)
YUV	90.1770, -2.0593, -39.6202
Hunter-Lab	36.4203, -20.7077, 7.7470




Details

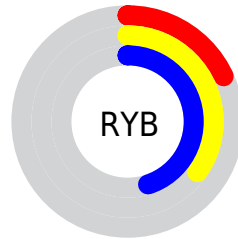
The HunterLab color $36.4203, -20.7077, 7.7470$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $24.3629, 23.8975, 0.0897$, and the grayscale version is $32.0571, -1.7105, 1.7417$.




A 20% lighter version of the original color is $56.2554, -25.0955, 9.6759$, and $19.8512, -14.1432, 5.7190$ is the 20% darker color. If you saturate the color by 10%, you get $36.0113, -22.5554, 8.8568$, and if you desaturate by 10%, it is $36.9275, -18.4928, 6.6745$.

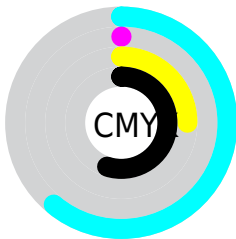
Distribution







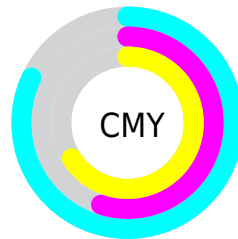
-  Red (18%)
-  Green (45%)
-  Blue (34%)






-  Red (18%)
-  Yellow (35%)
-  Blue (45%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (25%)
-  Black (55%)



-  Cyan (82%)
-  Magenta (55%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4203, -20.7077, 7.7470 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 36.4203, -20.7077, 7.7470 by changing the saturation by 10% instead.

36.4203, -20.7077,
7.7470

36.4203, -20.7077,
7.7470

145.8110,
-39.7529, 17.6095

27.5884, -18.1703,
6.6589

56.3728, -25.3681,
9.8936

19.6143, -15.4127,
5.5407

67.3854, -27.5597,
10.9670

12.6034, -12.4635,
4.3625

79.0344, -29.6873,
12.0466

5.9144, -10.3502,
4.1401

91.2865, -31.7650,
13.1352

0.0000, NaN, NaN

0.0000, NaN, NaN

104.1135,
-33.8033, 14.2346

0.0000, NaN, NaN

117.4907,

0.0000, NaN, NaN

-35.8100, 15.3462

0.0000, NaN, NaN

131.3964,
-37.7915, 16.4709

■ 36.4203, -20.7077,
7.7470

■ 36.4203, -20.7077,
7.7470

■ 36.0113, -22.5554,
8.8568

■ 36.9275, -18.4928,
6.6745

■ 35.6935, -24.0387,
9.9877

■ 37.5337, -15.9164,
5.6518

■ 35.4603, -25.1749,
11.1239

■ 38.2411, -12.9941,
4.6909

■ 35.2835, -26.0650,
12.1655

■ 39.0498, -9.7481,
3.8014

■ 39.9587, -6.2054,
2.9909

■ 40.9658, -2.3959,
2.2646

■ 42.0683, 1.6497,
1.6257

■ 43.2628, 5.9004,
1.0755

■ 44.5455, 10.3270,
0.6139

Harmonies

Analogous

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



36.4210, -15.7013, 14.3181



36.4203, -20.7077, 7.7470



36.4210, -21.0965, -2.8702

Triad

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



36.4210, -20.7081, 7.7474



36.4210, 2.9651, -25.0714



36.4210, 15.8067, 13.5146

Complementary

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



36.4203, -20.7077, 7.7470



24.3629, 23.8975, 0.0897

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.



36.4210, 22.2219, 6.2475



36.4203, -20.7077, 7.7470



36.4210, 14.2143, -17.1537

Square

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



36.4210, -20.7081, 7.7474



36.4210, -8.3469, -24.2895



36.4210, 21.6054, -4.9124



36.4210, 4.9315, 16.8680

Rectangle

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



36.4203, -20.7077, 7.7470



36.4210, -18.7615, -11.2154



36.4210, 21.6054, -4.9124



36.4210, 18.6134, 11.5641

Sweetspot

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



36.4210, -20.7081, 7.7474



52.0023, -11.9847, 4.8088



36.9737, -19.8243, 18.4547



24.8804, -6.2667, 2.4365



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.



36.4210, -20.7081, 7.7474



47.5389, -30.8142, 12.3912



35.4277, -14.0890, -5.0595



19.4766, -2.7363, 1.3953



37.2217, -27.5279, 12.9010



82.9708, -62.0871, 30.3219

Inverse Universe

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



24.3629, 23.8975, 0.0897



29.0444, 38.5410, 1.5557



24.7245, 18.7219, 9.6091



18.4983, 0.7780, 0.7067



20.4965, 36.1677, 4.9735



45.5689, 80.0733, 13.6695

Previews

White Background



This preview shows how the HunterLab color 36.4203, -20.7077, 7.7470 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 36.4203, -20.7077, 7.7470 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 36.4203, -20.7077, 7.7470 Background



This preview shows how black text looks on a background with the HunterLab color 36.4203, -20.7077, 7.7470.



This preview shows how white text looks on a background with the HunterLab color 36.4203,

-20.7077, 7.7470.

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

36.4203, -20.7077, 7.7470

Protanopia

36.1589, -2.6279, 9.7906

Deuteranopia

36.3133, 2.3969, 6.6248



Tritanopia

36.5028, -12.3555, -6.0713

Trichromacy



Original Color

36.4203, -20.7077, 7.7470

Protanomaly

35.8449, -10.8225, 8.6941

Deuteranomaly

35.7709, -7.8580, 6.2390

Tritanomaly

36.2774, -15.4894, -0.6509

Monochromacy



Original Color

36.4203, -20.7077, 7.7470

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.3179, -9.6118, 3.5434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4203, -20.7077, 7.7470 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(45, 114, 86)` looks like.

```
.text, #text, p{  
  color:rgb(45, 114, 86)  
}
```

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(45, 114, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 114, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4203, -20.7077, 7.7470 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(45, 114, 86) }
```


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

```
.border{ border-color:rgb(45, 114, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 114, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 114, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 114, 86);  
box-shadow:4px 4px 4px 4px rgb(45, 114,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4203, -20.7077, 7.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 114, 86) }
```

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

```
.background{ background-color: rgb(45, 114,  
86) }
```

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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