

Converting Colors

HunterLab(33.6982, 47.5607,
6.4761)

Have a look what the booklet for
HunterLab(33.6982, 47.5607,
6.4761) contains.

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Color

**HunterLab(33.6982, 47.5607,
6.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	AF2955
RGB	175, 41, 85
RGB Percent	69%, 16%, 33%
CMY	0.3137, 0.8392, 0.6667
CMYK	0.00, 0.77, 0.51, 0.31
HSL	340°, 62%, 42%
HSV	340°, 77%, 69%
XYZ	20.1118, 11.3557, 9.7262
YIQ	86.0820, 65.7400, 42.0920

Conversions

Conversions Part 2

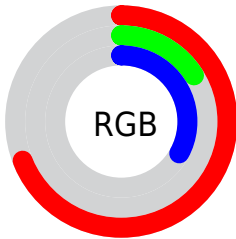
Format	Color
R_{YB}	175, 41, 85
Decimal	11479381
CIE Lab	40.17, 55.82, 7.45
CIE LCh	40, 56.314, 7.600
Yxy	11.3563, 0.4882, 0.2757
Android (android.graphics.Color)	4289669461 (0xFFAF2955)
YUV	86.0820, -0.5334, 77.9811
Hunter-Lab	33.6982, 47.5607, 6.4761

Details

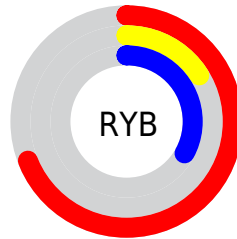
The HunterLab color **33.6982, 47.5607, 6.4761** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **57.2454, -36.7497, 12.3880**, and the grayscale version is **30.5223, -1.6286, 1.6583**.

A 20% lighter version of the original color is **53.2044, 51.2435, 8.5474**, and **19.6627, 34.4520, 6.6659** is the 20% darker color. If you saturate the color by 10%, you get **31.9866, 51.2043, 8.8433**, and if you desaturate by 10%, it is **36.1250, 42.3457, 4.5384**.

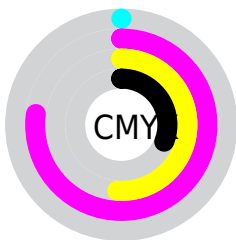
Distribution



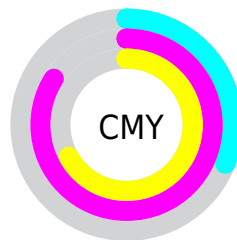
- Red (69%)
- Green (16%)
- Blue (33%)



- Red (69%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (77%)
- Yellow (51%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6982, 47.5607, 6.4761 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 33.6982, 47.5607, 6.4761 by changing the saturation by 10% instead.

33.6982, 47.5607,
6.4761

33.6982, 47.5607,
6.4761

141.4554, 62.0474,
15.5586

25.1138, 45.5024,
5.5047

53.2139, 51.4748,
8.4156

17.4146, 43.5157,
4.5135

64.0294, 53.2832,
9.3948

10.7183, 41.9751,
3.5989

75.4921, 54.9855,
10.3854

1.3890, 190.8880,
0.9723

87.5673, 56.5846,
11.3893

0.0000, INF, NaN

0.0000, NaN, NaN

100.2254, 58.0851,
12.4078

0.0000, NaN, NaN

113.4408, 59.4923,

0.0000, NaN, NaN

13.4418

0.0000, NaN, NaN

127.1908, 60.8114,
14.4919

■ 33.6982, 47.5607,
6.4761

■ 33.6982, 47.5607,
6.4761

■ 31.9866, 51.2043,
8.8433

■ 36.1250, 42.3457,
4.5384

■ 30.9623, 53.0463,
11.4199

■ 39.2144, 36.0601,
3.1290

■ 30.6821, 53.5216,
12.2476

■ 42.8892, 29.1764,
2.2585

■ 47.0652, 22.0492,
1.8792

■ 51.6645, 14.9006,
1.9207

■ 56.6206, 7.8497,
2.3108

■ 61.8789, 0.9486,
2.9855

■ 67.3955, -5.7890,
3.8919

■ 73.1353, -12.3697,
4.9878

Harmonies

Analogous

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



33.6992, 43.5807, -16.0675



33.6982, 47.5607, 6.4761



33.6992, 35.9877, 17.7452

Triad

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



33.6992, 47.5575, 6.4769



33.6992, -22.8490, 20.1765



33.6992, -15.6942, -55.4900

Complementary

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



33.6982, 47.5607, 6.4761



57.2454, -36.7497, 12.3880

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.



33.6992, -27.9396, -30.5045



33.6982, 47.5607, 6.4761



33.6992, -31.3194, 13.3278

Square

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



33.6992, 47.5575, 6.4769



33.6992, -6.9150, 21.9354



33.6992, -32.9261, -3.5801



33.6992, 3.6397, -61.6235

Rectangle

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



33.6982, 47.5607, 6.4761



33.6992, 22.3498, 20.7193



33.6992, -32.9261, -3.5801



33.6992, -20.6220, -48.5094

Sweetspot

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



33.6992, 47.5575, 6.4769



71.1947, 16.9324, 2.6896



30.7476, 49.4610, -58.3934



32.4804, 9.5736, 1.2064



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



33.6992, 47.5575, 6.4769



41.7657, 70.4679, 14.2586



35.8706, 36.1336, 19.2670



28.3850, 1.3238, 1.3043



25.9844, 45.3654, 10.0754



4.4506, 7.9928, -0.0000

Inverse Universe

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



33.6992, 47.5575, 6.4769



41.7657, 70.4679, 14.2586



51.2256, -19.9894, -15.7270



28.3850, 1.3238, 1.3043



25.9844, 45.3654, 10.0754



4.4506, 7.9928, -0.0000

Previews

White Background



This preview shows how the HunterLab color 33.6982, 47.5607, 6.4761 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 33.6982, 47.5607, 6.4761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

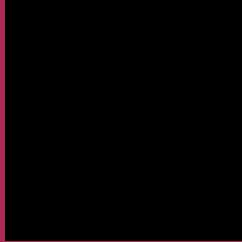
Any Text WCAG AA × Fail

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 33.6982, 47.5607, 6.4761 Background



This preview shows how black text looks on a background with the HunterLab color 33.6982, 47.5607, 6.4761.



This preview shows how white text looks on a background with the HunterLab color 33.6982, 47.5607,

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

33.6982, 47.5607, 6.4761

Protanopia

34.1682, 0.5088, -6.5612

Deuteranopia

34.0563, 2.2175, 8.1462



Tritanopia

33.6450, 41.5492, 15.9401

Trichromacy



Original Color

33.6982, 47.5607, 6.4761

Protanomaly

31.8575, 17.0350, -3.9529

Deuteranomaly

32.2916, 19.2157, 5.9413

Tritanomaly

33.6326, 43.7326, 13.1998

Monochromacy



Original Color

33.6982, 47.5607, 6.4761

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.8392, 15.6247, 1.1667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6982, 47.5607, 6.4761 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(175, 41, 85)` looks like.

```
.text, #text, p{  
    color:rgb(175, 41, 85)  
}
```

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(175, 41, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 41, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6982, 47.5607, 6.4761 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(175, 41, 85) }
```


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

```
.border{ border-color:rgb(175, 41, 85) }
```

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

Here you see how a box with a 4 pixel rgb(175, 41, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 41, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 41, 85);  
box-shadow:4px 4px 4px 4px rgb(175, 41,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6982, 47.5607, 6.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 41, 85) }
```

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

```
.background{ background-color: rgb(175, 41,  
85) }
```

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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