

Converting Colors

HunterLab(36.2736, 44.1862,
9.5005)

Have a look what the booklet for
HunterLab(36.2736, 44.1862,
9.5005) contains.

HunterLab(36.1604, 44.2761, 9.3045)	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(36.1604, 44.2761,
9.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	B43754
RGB	180, 55, 84
RGB Percent	71%, 22%, 33%
CMY	0.2941, 0.7843, 0.6706
CMYK	0.00, 0.69, 0.53, 0.29
HSL	346°, 53%, 46%
HSV	346°, 69%, 71%
XYZ	21.7888, 13.0757, 9.7630
YIQ	95.6810, 65.1910, 35.5190

Conversions

Conversions Part 2

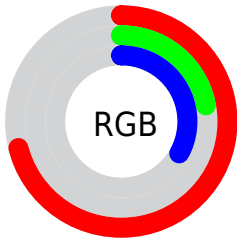
Format	Color
RYB	180, 55, 84
Decimal	11810644
CIELab	42.88, 52.23, 12.00
CIElCh	43, 53.586, 12.937
Yxy	13.0765, 0.4882, 0.2930
Android (android.graphics.Color)	4290000724 (0xFFB43754)
YUV	95.6810, -5.7587, 73.9478
Hunter-Lab	36.1604, 44.2761, 9.3045

Details

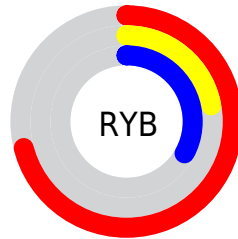
The HunterLab color **36.1604, 44.2761, 9.3045** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **59.7406, -34.3788, 7.1497**, and the grayscale version is **34.0871, -1.8188, 1.8520**.

A 20% lighter version of the original color is **56.0094, 47.7703, 11.8590**, and **20.5381, 35.9181, 7.4891** is the 20% darker color. If you saturate the color by 10%, you get **33.8693, 49.2705, 11.5384**, and if you desaturate by 10%, it is **39.1764, 38.0668, 7.3843**.

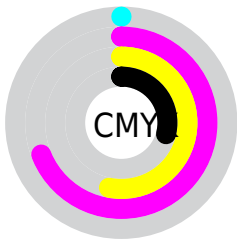
Distribution



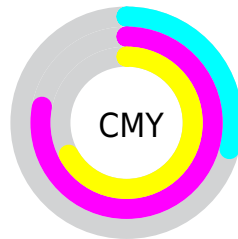
- Red (71%)
- Green (22%)
- Blue (33%)



- Red (71%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (69%)
- Yellow (53%)
- Black (29%)





- Cyan (29%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 36.1604, 44.2761, 9.3045 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 36.1604, 44.2761, 9.3045 by changing the saturation by 10% instead.


 36.1604, 44.2761,
9.3045


 36.1604, 44.2761,
9.3045


145.3985, 57.4963,
20.4698


 27.3518, 42.3099,
8.0073


 56.0724, 47.9227,
11.8116


 19.4032, 40.3293,
6.6498

 67.0666, 49.5849,
13.0441

 12.4214, 38.5479,
5.2887


 78.6981, 51.1398,
14.2723

 5.6448, 47.4549,
3.9514

 90.9337, 52.5926,
15.5007

0.0000, INF, NaN

0.0000, NaN, NaN

 103.7449, 53.9490,
16.7326

0.0000, NaN, NaN

 117.1069, 55.2149,

0.0000, NaN, NaN

17.9703

0.0000, NaN, NaN

130.9979, 56.3956,
19.2156

■ 36.1604, 44.2761,
9.3045

■ 36.1604, 44.2761,
9.3045

■ 33.8693, 49.2705,
11.5384

■ 39.1764, 38.0668,
7.3843

■ 32.3392, 52.5719,
13.9055

■ 42.8355, 31.1706,
5.8642

■ 31.4581, 54.2375,
16.1117

■ 47.0479, 23.9889,
4.7592

■ 31.4144, 54.3246,
16.2180

■ 51.7270, 16.7798,
4.0386

■ 56.7983, 9.6828,
3.6530

■ 62.2001, 2.7587,
3.5505

■ 67.8830, -3.9771,
3.6835

■ 73.8076, -10.5323,
4.0120

■ 79.9424, -16.9257,
4.5028

Harmonies

Analogous

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



36.1614, 43.2235, -10.6457



36.1604, 44.2761, 9.3045



36.1614, 31.1440, 19.1812

Triad

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



36.1614, 44.2729, 9.3053



36.1614, -24.7790, 19.9211



36.1614, -12.6424, -54.2066

Complementary

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



36.1604, 44.2761, 9.3045



59.7406, -34.3788, 7.1497

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.



36.1614, -26.2110, -33.3547



36.1604, 44.2761, 9.3045



36.1614, -32.0883, 11.2223

Square

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



36.1614, 44.2729, 9.3053



36.1614, -10.2271, 22.6409



36.1614, -32.5473, -7.3248



36.1614, 7.1868, -55.7763

Rectangle

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



36.1604, 44.2761, 9.3045



36.1614, 17.5024, 21.8388



36.1614, -32.5473, -7.3248



36.1614, -17.9682, -48.8517

Sweetspot

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



36.1614, 44.2729, 9.3053



75.1347, 14.8561, 4.9870



35.4851, 50.2605, -49.4009



34.0591, 8.1067, 2.3747



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



36.1614, 44.2729, 9.3053



44.4527, 68.8758, 17.1211



41.2485, 27.4744, 20.7014



29.2173, 1.2545, 1.6660



26.2613, 45.4466, 13.3012



4.7544, 8.4148, 0.9589

Inverse Universe

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



36.1614, 44.2729, 9.3053



44.4527, 68.8758, 17.1211



49.8720, -14.9899, -20.8655



29.2173, 1.2545, 1.6660



26.2613, 45.4466, 13.3012



4.7544, 8.4148, 0.9589

Previews

White Background



This preview shows how the HunterLab color 36.1604, 44.2761, 9.3045 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 36.1604, 44.2761, 9.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

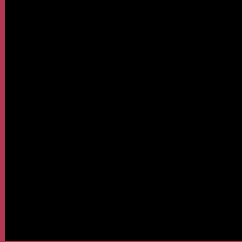
Any Text WCAG AA × Fail

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 36.1604, 44.2761, 9.3045 Background



This preview shows how black text looks on a background with the HunterLab color 36.1604, 44.2761, 9.3045.



This preview shows how white text looks on a background with the HunterLab color 36.1604, 44.2761, 9.3045.

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

36.1604, 44.2761, 9.3045

Protanopia

36.3522, -0.5686, -0.7493

Deuteranopia

36.4397, 2.3044, 10.7668



Tritanopia

36.1532, 40.6704, 15.2773

Trichromacy



Original Color

36.1604, 44.2761, 9.3045

Protanomaly

34.6227, 14.8279, 1.3794

Deuteranomaly

35.1633, 17.7594, 9.1816

Tritanomaly

36.1452, 41.6418, 13.2231

Monochromacy



Original Color

36.1604, 44.2761, 9.3045

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.4209, 14.2925, 2.8815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1604, 44.2761, 9.3045 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(180, 55, 84)` looks like.

```
.text, #text, p{  
    color:rgb(180, 55, 84)  
}
```

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(180, 55, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 55, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1604, 44.2761, 9.3045 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(180, 55, 84) }
```


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

```
.border{ border-color:rgb(180, 55, 84) }
```

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

Here you see how a box with a 4 pixel rgb(180, 55, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 55, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 55, 84);  
box-shadow:4px 4px 4px 4px rgb(180, 55,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1604, 44.2761, 9.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 55, 84) }
```

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

```
.background{ background-color: rgb(180, 55,  
84) }
```

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