

Converting Colors

Hex(866333)

Have a look what the booklet for
Hex(866333) contains.

Hex(866333)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(866333)

Conversions

Conversions Part 1

Format	Color
Hex	866333
RGB	134, 99, 51
RGB Percent	53%, 39%, 20%
CMY	0.4745, 0.6118, 0.8000
CMYK	0.00, 0.26, 0.62, 0.47
HSL	35°, 45%, 36%
HSV	35°, 62%, 53%
XYZ	14.8909, 14.2310, 5.0940
YIQ	103.9930, 36.2680, -7.5080

Conversions

Conversions Part 2

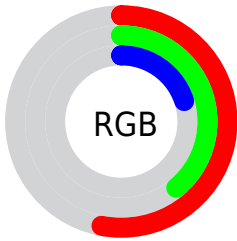
Format	Color
R_{YB}	112, 134, 51
Decimal	8807219
CIE _{Lab}	44.56, 8.50, 32.35
CIE _{LCh}	45, 33.450, 75.280
Yxy	14.2310, 0.4352, 0.4159
Android (android.graphics.Color)	4286997299 (0xFF866333)
YUV	103.9930, -26.1255, 26.3161
Hunter-Lab	37.7240, 4.4427, 18.4007

Details

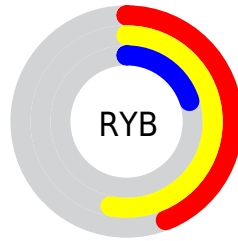
The Hex color **866333** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **335686**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BE9663**, and **513504** is the 20% darker color. If you saturate the color by 10%, you get **865D26**, and if you desaturate by 10%, it is **866940**.

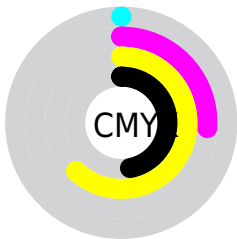
Distribution



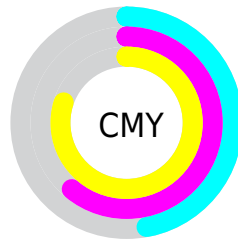
- Red (53%)
- Green (39%)
- Blue (20%)



- Red (44%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (26%)
- Yellow (62%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 866333 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 Hex color 866333 by changing the saturation by 10% instead.

 866333

 866333

FFFFFF

 6B4B1C

 BE9663

 513504

 DAB07C

 381F00

 F8CC96

 200900

 FFE8B1

 000000

 FFFFCD

 FFFF E9

 866333

 866333

 865D26

 866940

■ 865818

■ 866E4E

■ 86520B

■ 86745B

■ 864D00

■ 867A69

■ 867F76

■ 868583

■ 868B91

■ 86909E

■ 8696AC

Harmonies

Analogous

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



985943



866333



6C6C32

Triad

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



866333



007877



7E5D91

Complementary

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



866333



335686

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.



56679F



866333



007690

Square

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



866333



22775A



0E709F



965478

Rectangle

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



866333



58713A



0E709F



726097

Sweetspot

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



866333



ADA08C



863357



574E43



D6D6D6



575757

Same Dimension

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



866333



AD772D



808633



42403C



824B00



030100

Inverse Universe

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



335686



2D63AD



393386



3C3E42



003782



000103

Previews

White Background



This preview shows how the Hex color 866333 looks on a white background.

Color Contrast Check

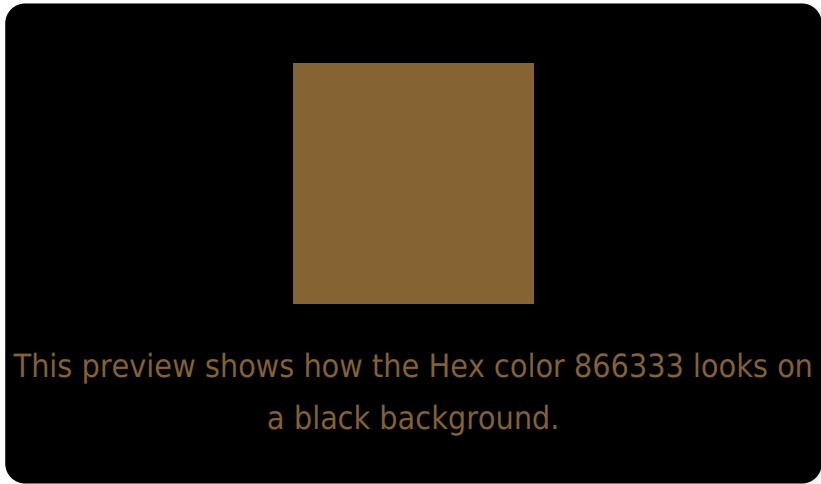
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

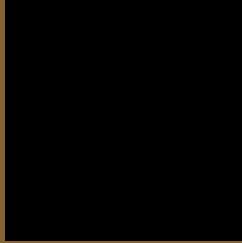
Any Text WCAG AA × Fail

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](#).

Hex 866333 Background



This preview shows how black text looks on a background with the Hex color 866333.



This preview shows how white text looks on a background with the Hex color 866333.

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
866333

Protanopia
756A35

Deuteranopia
826533



Tritanopia
8A5D65

Trichromacy



Original Color
866333

Protanomaly
7B6734

Deuteranomaly
836433

Tritanomaly
895F53

Monochromacy



Original Color
866333

Achromatopsia
686868

Achromatomaly
736655

CSS Examples

Text

The CSS property to change the color of the text to Hex 866333 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 #866333 looks like.

```
.text, #text, p{  
    color:#866333  
}
```

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 #866333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866333  
}
```

Border

The CSS property to change the border of an element to Hex 866333 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  
#866333 }
```

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

```
.border{ border-color:#866333 }
```

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

Here you see how a box with a 4 pixel #866333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866333; -webkit-box-shadow:4px 4px  
4px 4px #866333; box-shadow:4px 4px 4px  
4px #866333 }
```

Background

The CSS property to change the background color of an element to Hex 866333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866333 }
```

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

```
.background{ background-color:#866333 }
```

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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