

Converting Colors

Hex(86186B)

Have a look what the booklet for
Hex(86186B) contains.

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Color

Hex(86186B)

Conversions

Conversions Part 1

Format	Color
Hex	86186B
RGB	134, 24, 107
RGB Percent	53%, 9%, 42%
CMY	0.4745, 0.9059, 0.5804
CMYK	0.00, 0.82, 0.20, 0.47
HSL	315°, 70%, 31%
HSV	315°, 82%, 53%
XYZ	12.8120, 6.7831, 14.5439
YIQ	66.3520, 38.9170, 49.1330

Conversions

Conversions Part 2

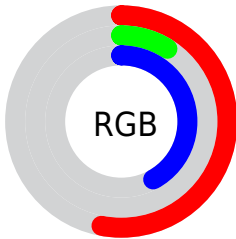
Format	Color
RYB	134, 24, 107
Decimal	8788075
CIELab	31.31, 52.45, -20.67
CIELCh	31, 56.379, 338.492
Yxy	6.7831, 0.3753, 0.1987
Android (android.graphics.Color)	4286978155 (0xFF86186B)
YUV	66.3520, 20.0395, 59.3273
Hunter-Lab	26.0445, 42.2313, -14.8780

Details

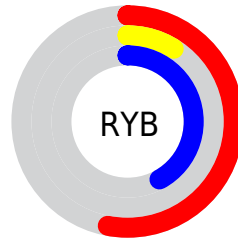
The Hex color **86186B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **188633**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **BE529F**, and **50003B** is the 20% darker color. If you saturate the color by 10%, you get **860B68**, and if you desaturate by 10%, it is **86256E**.

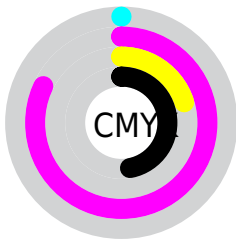
Distribution



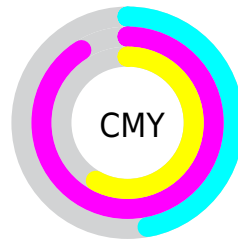
- Red (53%)
- Green (9%)
- Blue (42%)



- Red (53%)
- Yellow (9%)
- Blue (42%)



- Cyan (0%)
- Magenta (82%)
- Yellow (20%)
- Black (47%)



- Cyan (47%)
- Magenta (91%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86186B 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 86186B by changing the saturation by 10% instead.

 86186B

 86186B

FFFFFF

 6B0053

 BE529F

 50003B

 DB6DBA

 380026

 F988D5

 19000E

 FFA4F2

 000000

 FFC0FF

 FFD0FF

 FFFAFF

 86186B

 86186B

860B68

86256E

860065

863372

864075

864E78

865B7B

86687F

867682

868385

869189

Harmonies

Analogous

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



583790



86186B



95013F

Triad

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



86186B



504C00



005C80

Complementary

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



86186B



188633

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.



005C56



86186B



1B5600

Square

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



86186B



743B00



005A27



00579D

Rectangle

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



86186B



921623



005A27



005C73

Sweetspot

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



86186B



AD82A3



321886



573D50



D6D6D6



575757

Same Dimension

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



86186B



AD0283



861835



423C41



820062



030002

Inverse Universe

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



86186B



AD0283



188669



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 86186B looks on a white background.

Color Contrast Check

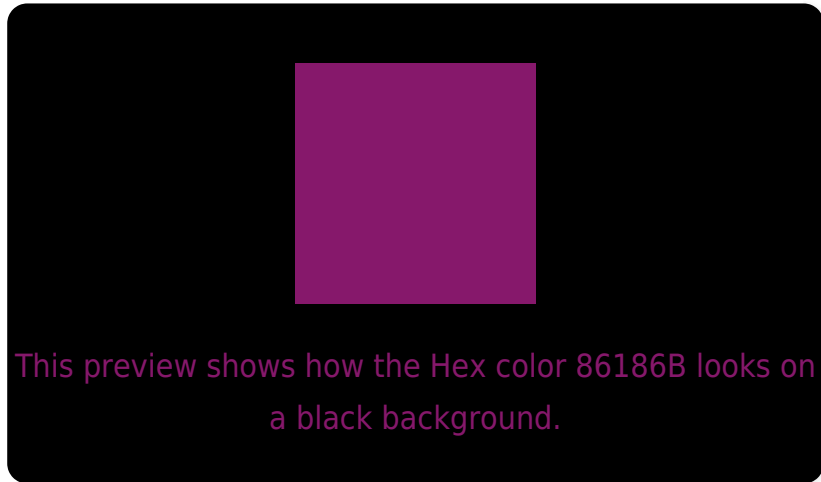
Large Text (above 18pt) WCAG AA ✓ Pass

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

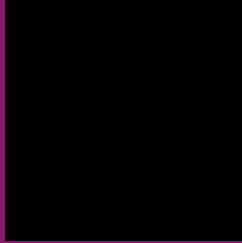
Any Text WCAG AA × Fail

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](#).

Hex 86186B Background



This preview shows how black text looks on a background with the Hex color 86186B.



This preview shows how white text looks on a background with the Hex color 86186B.

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





Tritanopia
812F31

Trichromacy



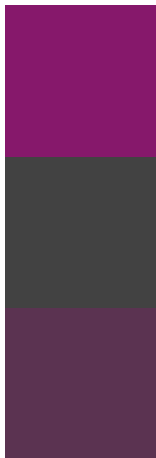
Original Color
86186B

Protanomaly
463784

Deuteranomaly
5D3867

Tritanomaly
832746

Monochromacy



Original Color
86186B

Achromatopsia
424242

Achromatomaly
5B3351

CSS Examples

Text

The CSS property to change the color of the text to Hex 86186B 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 #86186B looks like.

```
.text, #text, p{  
    color:#86186B  
}
```

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 #86186B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86186B
}
```

Border

The CSS property to change the border of an element to Hex 86186B is called "border". The border property can be set on classes, ids or directly on the HTML element.

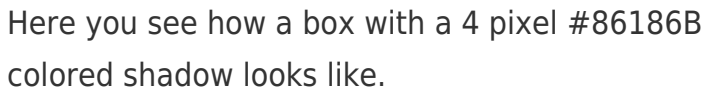
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86186B }
```

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

```
.border{ border-color:#86186B }
```

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



Here you see how a box with a 4 pixel #86186B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86186B; -webkit-box-shadow:4px 4px  
4px 4px #86186B; box-shadow:4px 4px 4px  
4px #86186B }
```

Background

The CSS property to change the background color of an element to Hex 86186B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86186B }
```

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

```
.background{ background-color:#86186B }
```

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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