

Converting Colors

Hex(17086A)

Have a look what the booklet for
Hex(17086A) contains.

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Color

Hex(17086A)

Conversions

Conversions Part 1

Format	Color
Hex	17086A
RGB	23, 8, 106
RGB Percent	9%, 3%, 42%
CMY	0.9098, 0.9686, 0.5843
CMYK	0.78, 0.92, 0.00, 0.58
HSL	249°, 86%, 22%
HSV	249°, 92%, 42%
XYZ	3.0417, 1.3964, 13.7449
YIQ	23.6570, -22.5180, 33.6580

Conversions

Conversions Part 2

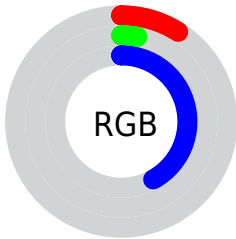
Format	Color
R_{YB}	23, 8, 106
Decimal	1509482
CIE _{Lab}	11.93, 38.34, -52.17
CIE _{LCh}	12, 64.740, 306.313
Yxy	1.3964, 0.1673, 0.0768
Android (android.graphics.Color)	4279699562 (0xFF17086A)
YUV	23.6570, 40.5951, -0.5762
Hunter-Lab	11.8171, 25.2658, -60.6905

Details

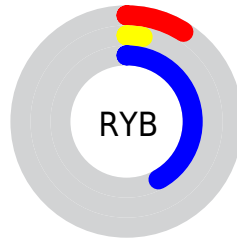
The Hex color **17086A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5B6A08**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **53379E**, and **000339** is the 20% darker color. If you saturate the color by 10%, you get **10006A**, and if you desaturate by 10%, it is **20136A**.

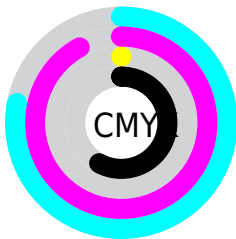
Distribution



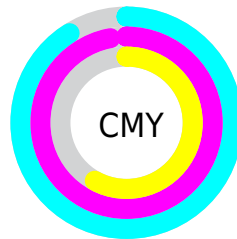
- Red (9%)
- Green (3%)
- Blue (42%)



- Red (9%)
- Yellow (3%)
- Blue (42%)



- Cyan (78%)
- Magenta (92%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (97%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17086A 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 17086A by changing the saturation by 10% instead.

 17086A

 17086A

 FFEFFF

 000051

 53379E

 000339

 6F4FBA

 000223

 8B67D6

 000009

 A781F3

 000000

 C39BFF

 E0B6FF

 FED2FF

 17086A

 17086A

■ 10006A

■ 20136A

■ 291D6A

■ 32286A

■ 3B326A

■ 443D6A

■ 4D486A

■ 56526A

■ 5F5D6A

■ 68676A

Harmonies

Analogous

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



00267C



17086A



560044

Triad

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



17086A



430A00



002E28

Complementary

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



17086A



5B6A08

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.



002D00



17086A



202100

Square

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



17086A



5B0000



002A00



003055

Rectangle

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



17086A



630027



002A00



002D18

Sweetspot

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



17086A



69638A



085B6A



312D45



C4C4C4



454545

Same Dimension

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



17086A



15008A



48086A



313036



120075



2500F5

Inverse Universe

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



6A085B



8A0075



2A6A08



363035



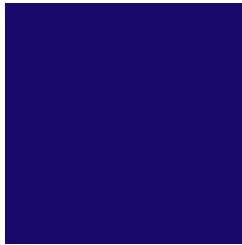
750063



F500CF

Previews

White Background



This preview shows how the Hex color 17086A looks on a white background.

Color Contrast Check

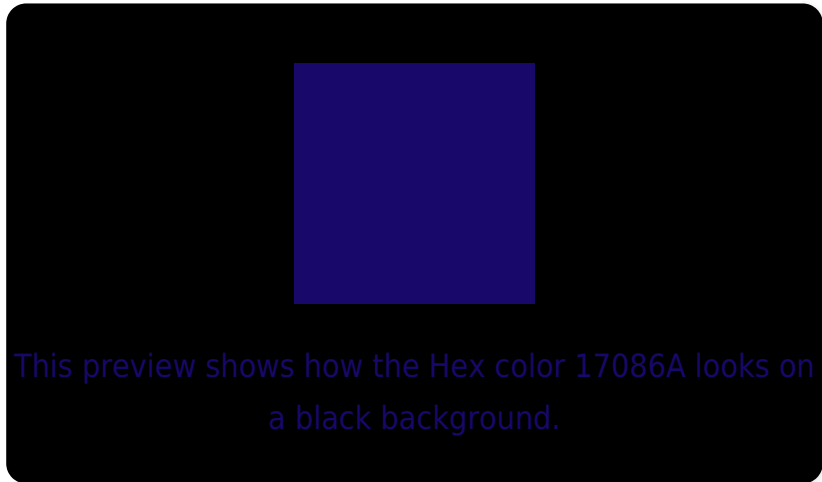
Large Text (above 18pt) WCAG AA ✓ Pass

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

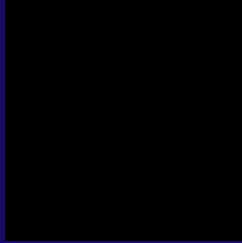
Any Text WCAG AA × Fail

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 17086A Background



This preview shows how black text looks on a background with the Hex color 17086A.



This preview shows how white text looks on a background with the Hex color 17086A.

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
17086A

Protanopia
002145

Deuteranopia
00233A

Trichromacy



Original Color
17086A

Protanomaly
081852

Deuteranomaly
08194B

Tritanomaly
081B40

Monochromacy



Original Color
17086A

Achromatopsia
181818

Achromatomaly
181236

CSS Examples

Text

The CSS property to change the color of the text to Hex 17086A 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 #17086A looks like.

```
.text, #text, p{  
    color:#17086A  
}
```

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 #17086A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17086A
}
```

Border

The CSS property to change the border of an element to Hex 17086A 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
#17086A }
```

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

```
.border{ border-color:#17086A }
```

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

Here you see how a box with a 4 pixel #17086A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17086A; -webkit-box-shadow:4px 4px  
4px 4px #17086A; box-shadow:4px 4px 4px  
4px #17086A }
```

Background

The CSS property to change the background color of an element to Hex 17086A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17086A }
```

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

```
.background{ background-color:#17086A }
```

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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