

Converting Colors

Hex(080575)

Have a look what the booklet for
Hex(080575) contains.

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Color

Hex(080575)

Conversions

Conversions Part 1

Format	Color
Hex	080575
RGB	8, 5, 117
RGB Percent	3%, 2%, 46%
CMY	0.9686, 0.9804, 0.5412
CMYK	0.93, 0.96, 0.00, 0.54
HSL	242°, 92%, 24%
HSV	242°, 96%, 46%
XYZ	3.3653, 1.4445, 16.9311
YIQ	18.6650, -34.1640, 35.4680

Conversions

Conversions Part 2

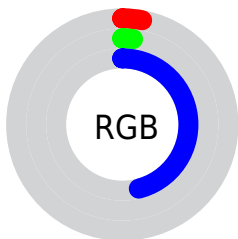
Format	Color
R_{YB}	8, 5, 117
Decimal	525685
CIE _{Lab}	12.25, 42.41, -58.84
CIE _{LCh}	12, 72.533, 305.785
Yxy	1.4445, 0.1548, 0.0664
Android (android.graphics.Color)	4278715765 (0xFF080575)
YUV	18.6650, 48.4792, -9.3532
Hunter-Lab	12.0188, 28.9475, -75.1095

Details

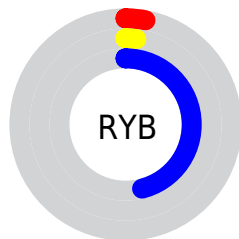
The Hex color **080575** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **727505**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5135AA**, and **000043** is the 20% darker color. If you saturate the color by 10%, you get **030075**, and if you desaturate by 10%, it is **131175**.

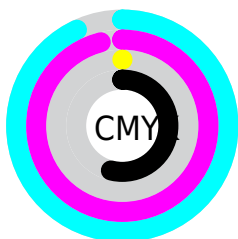
Distribution



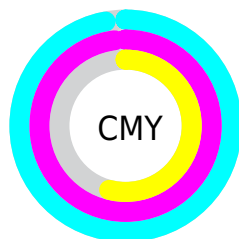
- Red (3%)
- Green (2%)
- Blue (46%)



- Red (3%)
- Yellow (2%)
- Blue (46%)



- Cyan (93%)
- Magenta (96%)
- Yellow (0%)
- Black (54%)



- Cyan (97%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080575 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 080575 by changing the saturation by 10% instead.

■ 080575

■ 080575

■ FFEDFF

■ 00005C

■ 5135AA

■ 000043

■ 6D4DC6

■ 00032C

■ 8A66E3

■ 000116

■ A67FFF

■ 000000

■ C39AFF

■ E1B5FF

■ FFD1FF

■ 080575

■ 080575

■ 030075

■ 131175

■ 1F1C75

■ 2A2875

■ 363475

■ 414075

■ 4C4B75

■ 585775

■ 636375

■ 6E6E75

Harmonies

Analogous

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



002889



080575



5D004A

Triad

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



080575



470500



002F29

Complementary

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



080575



727505

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.



002E00



080575



202200

Square

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



080575



620000



002B00



00325C

Rectangle

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



080575



6B002A



002B00



002E17

Sweetspot

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



080575



6E6D99



057375



32324D



CCCCCC



4D4D4D

Same Dimension

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



080575



040099



3F0575



35353B



03007A



0700FA

Inverse Universe

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



750572



990095



3B7505



3B353A



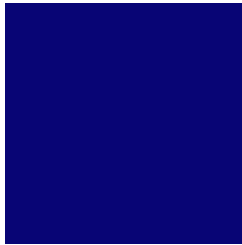
7A0077



FA00F3

Previews

White Background



This preview shows how the Hex color 080575 looks on a white background.

Color Contrast Check

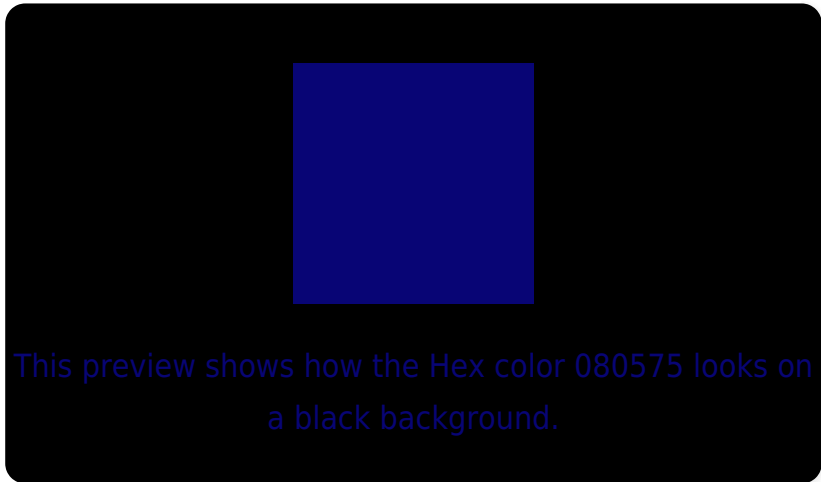
Large Text (above 18pt) WCAG AA ✓ Pass

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

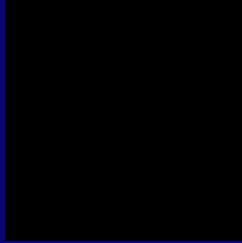
Any Text WCAG AA × Fail

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 080575 Background



This preview shows how black text looks on a background with the Hex color 080575.



This preview shows how white text looks on a background with the Hex color 080575.

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
080575

Protanopia
002248

Deuteranopia
00253D

Trichromacy



Original Color
080575

Protanomaly
031758

Deuteranomaly
031951

Tritanomaly
031B45

Monochromacy



Original Color
080575

Achromatopsia
131313

Achromatomaly
0F0E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 080575 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 #080575 looks like.

```
.text, #text, p{  
    color:#080575  
}
```

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 #080575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080575
}
```

Border

The CSS property to change the border of an element to Hex 080575 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
#080575 }
```

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

```
.border{ border-color:#080575 }
```

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

Here you see how a box with a 4 pixel #080575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080575; -webkit-box-shadow:4px 4px  
4px 4px #080575; box-shadow:4px 4px 4px  
4px #080575 }
```

Background

The CSS property to change the background color of an element to Hex 080575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080575 }
```

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

```
.background{ background-color:#080575 }
```

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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