

Converting Colors

Hex(080612)

Have a look what the booklet for
Hex(080612) contains.

Hex(080612)	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(080612)

Conversions

Conversions Part 1

Format	Color
Hex	080612
RGB	8, 6, 18
RGB Percent	3%, 2%, 7%
CMY	0.9686, 0.9765, 0.9294
CMYK	0.56, 0.67, 0.00, 0.93
HSL	250°, 50%, 5%
HSV	250°, 67%, 7%
XYZ	0.2744, 0.2255, 0.6013
YIQ	7.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

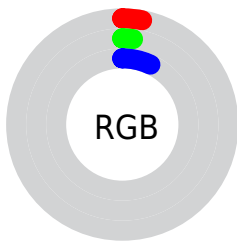
Format	Color
RYB	8, 6, 18
Decimal	525842
CIELab	2.04, 2.46, -5.09
CIELCh	2, 5.652, 295.808
Yxy	0.2255, 0.2492, 0.2048
Android (android.graphics.Color)	4278715922 (0xFF080612)
YUV	7.9660, 4.9468, 0.0298
Hunter-Lab	4.7492, 2.0041, -4.1828

Details

The Hex color **080612** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **101206**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **35343C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **070412**, and if you desaturate by 10%, it is **0A0812**.

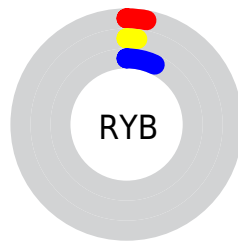
Distribution



Red (3%)

Green (2%)

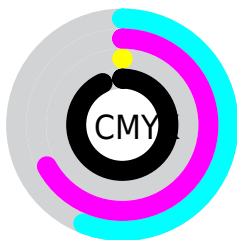
Blue (7%)



Red (3%)

Yellow (2%)

Blue (7%)

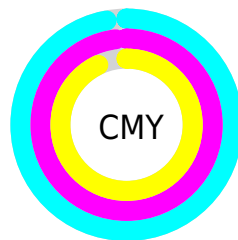


Cyan (56%)

Magenta (67%)

Yellow (0%)

Black (93%)



Cyan (97%)

Magenta (98%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080612 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 080612 by changing the saturation by 10% instead.

■ 080612

■ 080612

■ E8E7F2

■ 000000

■ 35343C

■ 4C4A53

■ 63626C

■ 7C7B85

■ 96959F

■ B1AFBA

■ CCCBD5

■ 080612

■ 080612

■ 070412

■ 0A0812

■ 050212

■ 0B0A12

■ 040112

■ 0D0B12

■ 030012

■ 0E0D12

■ 100F12

■ 111112

■ 131312

■ 141412

■ 151612

Harmonies

Analogous

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



000813



080612



0F040F

Triad

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



080612



120500



000C06

Complementary

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



080612



101206

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.



000B00



080612



0C0700

Square

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



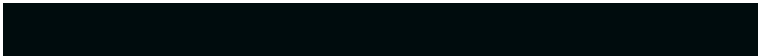
080612



140302



050900



000C0D

Rectangle

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



080612



12030B



050900



000C04

Sweetspot

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



080612



131217



061012



0A0A0D



8C8C8C



0D0D0D

Same Dimension

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



080612



080517



0E0612



09090A



0C004A



2200C9

Inverse Universe

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



120610



170514



0A1206



0A090A



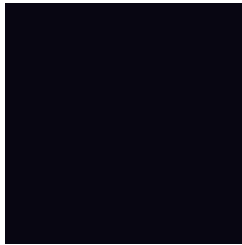
4A003E



C900A8

Previews

White Background



This preview shows how the Hex color 080612 looks on a white background.

Color Contrast Check

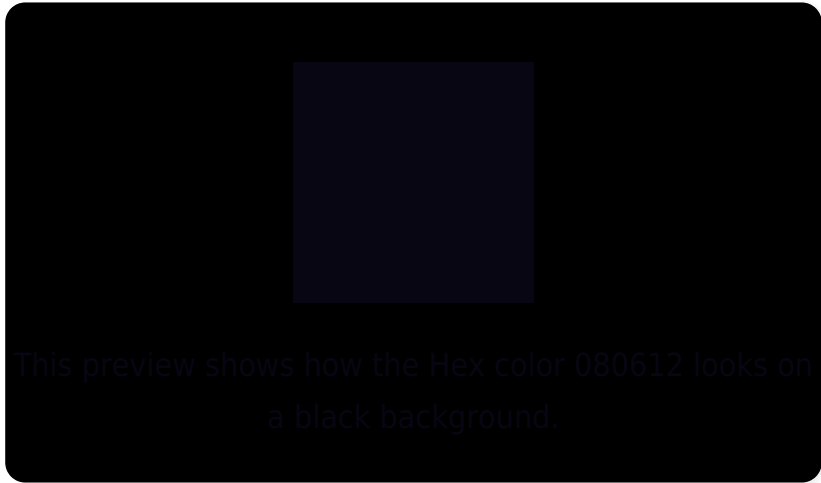
Large Text (above 18pt) WCAG AA ✓ Pass

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

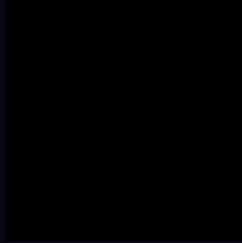
Any Text WCAG AA × Fail

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 080612 Background



This preview shows how black text looks on a background with the Hex color 080612.



This preview shows how white text looks on a background with the Hex color 080612.

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](#).

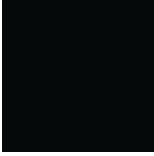
Dichromacy



Original Color
080612

Protanopia
000811

Deuteranopia
00080E



Tritanopia
050909

Trichromacy



Original Color
080612

Protanomaly
030711

Deuteranomaly
03070F

Tritanomaly
06080C

Monochromacy



Original Color
080612

Achromatopsia
080808

Achromatomaly
08070C

CSS Examples

Text

The CSS property to change the color of the text to Hex 080612 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 #080612 looks like.

```
.text, #text, p{  
    color:#080612  
}
```

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 #080612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080612
}
```

Border

The CSS property to change the border of an element to Hex 080612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

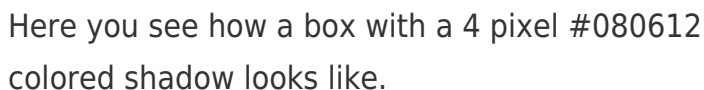
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#080612 }
```

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

```
.border{ border-color:#080612 }
```

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



Here you see how a box with a 4 pixel #080612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080612; -webkit-box-shadow:4px 4px  
4px 4px #080612; box-shadow:4px 4px 4px  
4px #080612 }
```

Background

The CSS property to change the background color of an element to Hex 080612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080612 }
```

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

```
.background{ background-color:#080612 }
```

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