

Converting Colors

Hex(05065E)

Have a look what the booklet for
Hex(05065E) contains.

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Color

Hex(05065E)

Conversions

Conversions Part 1

Format	Color
Hex	05065E
RGB	5, 6, 94
RGB Percent	2%, 2%, 37%
CMY	0.9804, 0.9765, 0.6314
CMYK	0.95, 0.94, 0.00, 0.63
HSL	239°, 90%, 19%
HSV	239°, 95%, 37%
XYZ	2.1481, 0.9707, 10.6638
YIQ	15.7330, -28.8440, 27.1560

Conversions

Conversions Part 2

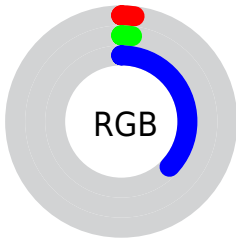
Format	Color
RYB	5, 6, 94
Decimal	329310
CIELab	8.74, 34.71, -49.53
CIELCh	9, 60.477, 305.022
Yxy	0.9707, 0.1559, 0.0704
Android (android.graphics.Color)	4278519390 (0xFF05065E)
YUV	15.7330, 38.5856, -9.4128
Hunter-Lab	9.8522, 21.6771, -57.2774

Details

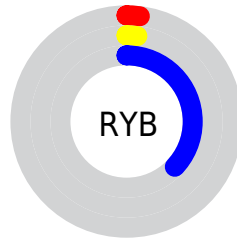
The Hex color **05065E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5E5D05**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **483292**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **00015E**, and if you desaturate by 10%, it is **0E0F5E**.

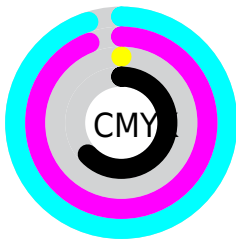
Distribution



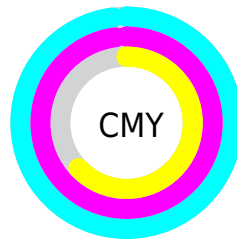
- Red (2%)
- Green (2%)
- Blue (37%)



- Red (2%)
- Yellow (2%)
- Blue (37%)



- Cyan (95%)
- Magenta (94%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05065E 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 05065E by changing the saturation by 10% instead.

05065E

05065E

FFE8FF

000046

483292

00042E

634AAD

000119

7E62C8

000000

9A7BE5

B695FF

D3B0FF

F0CCFF

05065E

05065E

■ 00015E

■ 0E0F5E

■ 18195E

■ 21225E

■ 2B2B5E

■ 34345E

■ 3D3E5E

■ 47475E

■ 50505E

■ 5A5A5E

Harmonies

Analogous

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



001F6E



05065E



49003C

Triad

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



05065E



3A0400



00251F

Complementary

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



05065E



5E5D05

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.



002500



05065E



1B1A00

Square

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



05065E



4F0000



002400



002848

Rectangle

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



05065E



560022



002400



002510

Sweetspot

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



05065E



58597A



055E5D



28293D



BDBDBD



3D3D3D

Same Dimension

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



05065E



00017A



30055E



29292E



00016E



0003ED

Inverse Universe

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



5E0506



7A0001



335E05



2E2929



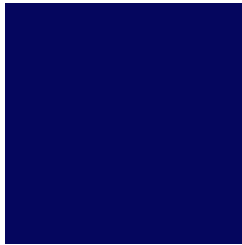
6E0001



ED0003

Previews

White Background



This preview shows how the Hex color 05065E looks on a white background.

Color Contrast Check

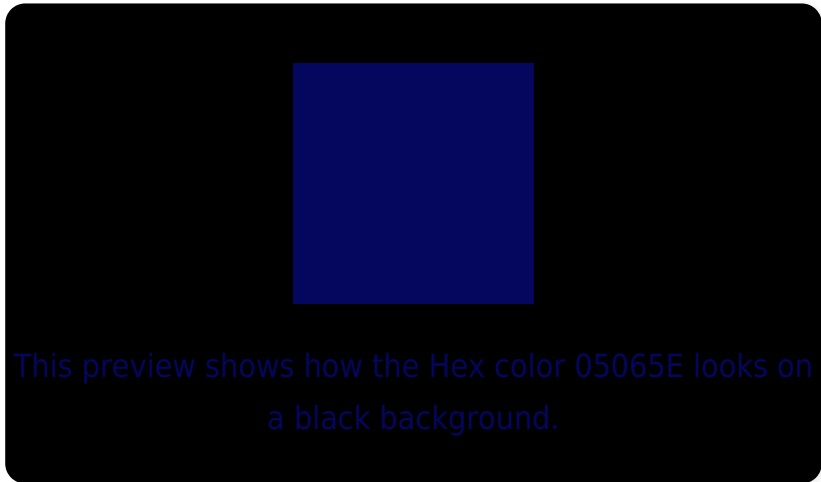
Large Text (above 18pt) WCAG AA ✓ Pass

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

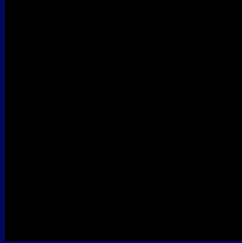
Any Text WCAG AA × Fail

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 05065E Background



This preview shows how black text looks on a background with the Hex color 05065E.



This preview shows how white text looks on a background with the Hex color 05065E.

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
05065E

Protanopia
001C3A

Deuteranopia
001E31

Trichromacy



Original Color
05065E

Protanomaly
021447

Deuteranomaly
021541

Tritanomaly
021737

Monochromacy



Original Color
05065E

Achromatopsia
101010

Achromatomaly
0C0C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 05065E 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 #05065E looks like.

```
.text, #text, p{  
    color:#05065E  
}
```

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 #05065E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05065E
}
```

Border

The CSS property to change the border of an element to Hex 05065E 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
#05065E }
```

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

```
.border{ border-color:#05065E }
```

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

Here you see how a box with a 4 pixel #05065E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05065E; -webkit-box-shadow:4px 4px  
4px 4px #05065E; box-shadow:4px 4px 4px  
4px #05065E }
```

Background

The CSS property to change the background color of an element to Hex 05065E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05065E }
```

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

```
.background{ background-color:#05065E }
```

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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