

Converting Colors

Hex(065E6A)

Have a look what the booklet for
Hex(065E6A) contains.

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Color

Hex(065E6A)

Conversions

Conversions Part 1

Format	Color
Hex	065E6A
RGB	6, 94, 106
RGB Percent	2%, 37%, 42%
CMY	0.9765, 0.6314, 0.5843
CMYK	0.94, 0.11, 0.00, 0.58
HSL	187°, 89%, 22%
HSV	187°, 94%, 42%
XYZ	6.6793, 9.0847, 15.0372
YIQ	69.0560, -56.3000, -14.9240

Conversions

Conversions Part 2

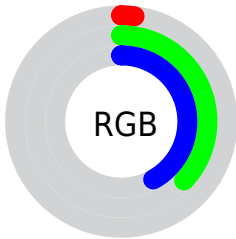
Format	Color
RYB	6, 53, 106
Decimal	417386
CIELab	36.15, -18.44, -13.47
CIELCh	36, 22.835, 216.150
Yxy	9.0847, 0.2169, 0.2949
Android (android.graphics.Color)	4278607466 (0xFF065E6A)
YUV	69.0560, 18.2134, -55.3001
Hunter-Lab	30.1409, -13.1903, -8.4809

Details

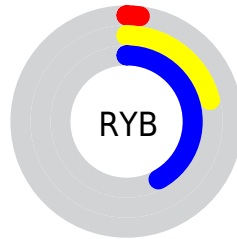
The Hex color **065E6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A1206**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4A919D**, and **00303B** is the 20% darker color. If you saturate the color by 10%, you get **005D6A**, and if you desaturate by 10%, it is **115F6A**.

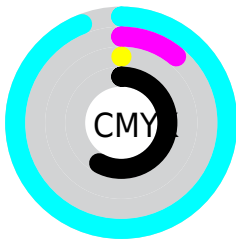
Distribution



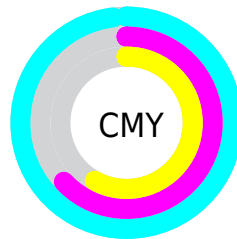
- Red (2%)
- Green (37%)
- Blue (42%)



- Red (2%)
- Yellow (21%)
- Blue (42%)



- Cyan (94%)
- Magenta (11%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 065E6A 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 065E6A by changing the saturation by 10% instead.

065E6A

065E6A

FFFFFF

004652

4A919D

00303B

66ABB8

001C25

81C7D4

000110

9DE3F0

000000

B9FFFF

D6FFFF

F3FFFF

065E6A

065E6A

■ 005D6A

■ 115F6A

■ 1B616A

■ 26626A

■ 30636A

■ 3B646A

■ 46666A

■ 50676A

■ 5B686A

■ 65696A

Harmonies

Analogous

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



1A5F58



065E6A



205B76

Triad

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



065E6A



6F4964



5D5530

Complementary

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



065E6A



6A1206

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.



6D4F34



065E6A



784752

Square

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



065E6A



5C4F73



774940



4A5A37

Rectangle

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



065E6A



365879



774940



635330

Sweetspot

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



065E6A



63858A



066A12



2D4245



C4C4C4



454545

Same Dimension

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



065E6A



00798A



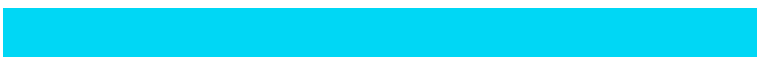
062C6A



303536



006775



00D7F5

Inverse Universe

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



6A065E



8A0079



6A4406



363035



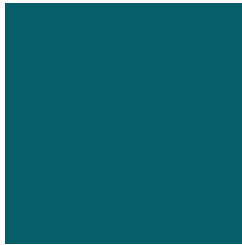
750067



F500D7

Previews

White Background



This preview shows how the Hex color 065E6A looks on a white background.

Color Contrast Check

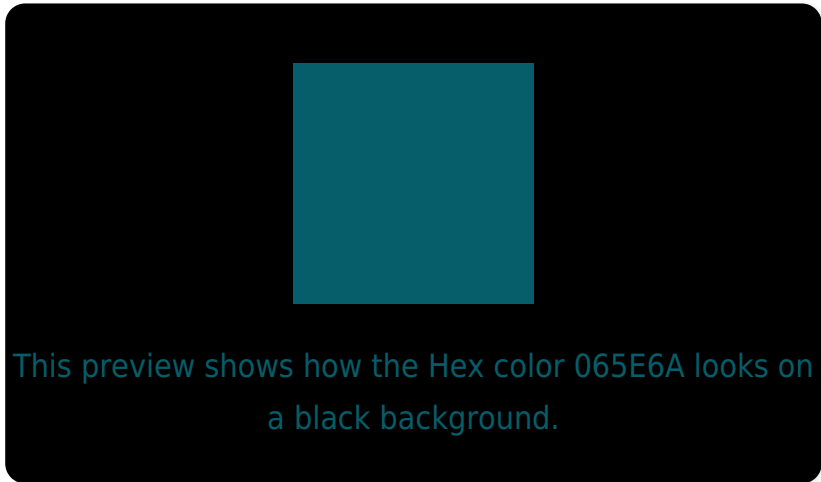
Large Text (above 18pt) WCAG AA ✓ Pass

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

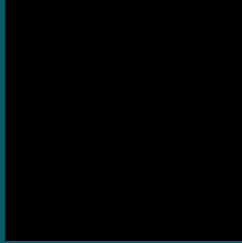
Any Text WCAG AA × Fail

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 065E6A Background



This preview shows how black text looks on a background with the Hex color 065E6A.

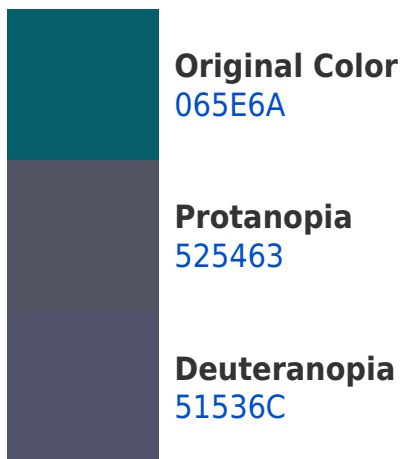


This preview shows how white text looks on a background with the Hex color 065E6A.

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](#).

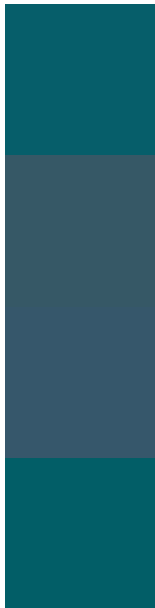
Dichromacy





Tritanopia
005E66

Trichromacy



Original Color
065E6A

Protanomaly
365866

Deuteranomaly
36576B

Tritanomaly
025E67

Monochromacy



Original Color
065E6A

Achromatopsia
454545

Achromatomaly
2E4E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 065E6A 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 #065E6A looks like.

```
.text, #text, p{  
    color:#065E6A  
}
```

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 #065E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065E6A
}
```

Border

The CSS property to change the border of an element to Hex 065E6A 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
#065E6A }
```

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

```
.border{ border-color:#065E6A }
```

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

Here you see how a box with a 4 pixel #065E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065E6A; -webkit-box-shadow:4px 4px  
4px 4px #065E6A; box-shadow:4px 4px 4px  
4px #065E6A }
```

Background

The CSS property to change the background color of an element to Hex 065E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065E6A }
```

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

```
.background{ background-color:#065E6A }
```

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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