

Converting Colors

Hex(045A6C)

Have a look what the booklet for
Hex(045A6C) contains.

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Color

Hex(045A6C)

Conversions

Conversions Part 1

Format	Color
Hex	045A6C
RGB	4, 90, 108
RGB Percent	2%, 35%, 42%
CMY	0.9843, 0.6471, 0.5765
CMYK	0.96, 0.17, 0.00, 0.58
HSL	190°, 93%, 22%
HSV	190°, 96%, 42%
XYZ	6.4130, 8.4209, 15.4747
YIQ	66.3380, -57.0340, -12.6340

Conversions

Conversions Part 2

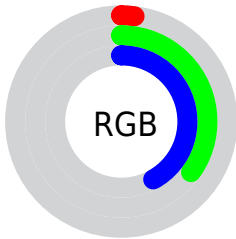
Format	Color
RYB	4, 51, 108
Decimal	285292
CIELab	34.84, -15.60, -16.71
CIELCh	35, 22.862, 226.959
Yxy	8.4209, 0.2116, 0.2778
Android (android.graphics.Color)	4278475372 (0xFF045A6C)
YUV	66.3380, 20.5394, -54.6704
Hunter-Lab	29.0187, -11.3350, -11.3044

Details

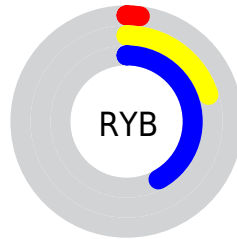
The Hex color **045A6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C1604**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4A8C9F**, and **002C3D** is the 20% darker color. If you saturate the color by 10%, you get **00596C**, and if you desaturate by 10%, it is **0F5C6C**.

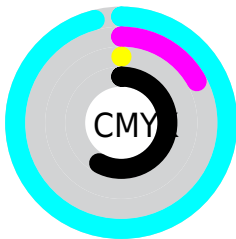
Distribution



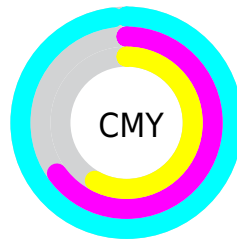
- Red (2%)
- Green (35%)
- Blue (42%)



- Red (2%)
- Yellow (20%)
- Blue (42%)



- Cyan (96%)
- Magenta (17%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045A6C 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 045A6C by changing the saturation by 10% instead.

045A6C

045A6C

FFFFFF

004254

4A8C9F

002C3D

65A7BA

001927

81C2D6

000111

9CDEF3

000000

B9FAFF

D5FFFF

F2FFFF

045A6C

045A6C

■ 00596C

■ 0F5C6C

■ 1A5E6C

■ 24606C

■ 2F616C

■ 3A636C

■ 45656C

■ 50676C

■ 5A696C

■ 656B6C

Harmonies

Analogous

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



095C5C



045A6C



295675

Triad

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



045A6C



70455B



54542E

Complementary

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



045A6C



6C1604

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.



654E2E



045A6C



754448

Square

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



045A6C



61496B



714838



3F5938

Rectangle

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



045A6C



3E5276



714838



5A522D

Sweetspot

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



045A6C



64858C



046C15



2E4347



C7C7C7



474747

Same Dimension

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



045A6C



00748C



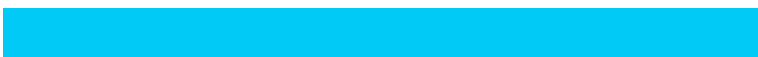
04276C



303536



006175



00CAF5

Inverse Universe

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



6C045A



8C0074



6C4904



363035



750061



F500CA

Previews

White Background



This preview shows how the Hex color 045A6C looks on a white background.

Color Contrast Check

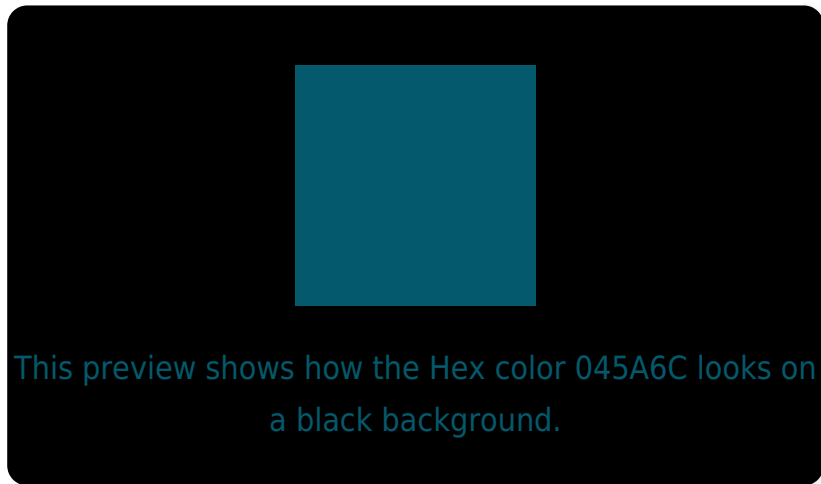
Large Text (above 18pt) WCAG AA ✓ Pass

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

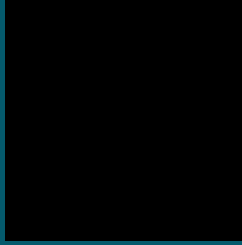
Any Text WCAG AA × Fail

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 045A6C Background



This preview shows how black text looks on a background with the Hex color 045A6C.



This preview shows how white text looks on a background with the Hex color 045A6C.

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
045A6C

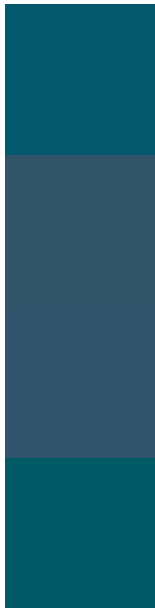
Protanopia
4D5166

Deuteranopia
4A516E



Tritanopia
005B62

Trichromacy



Original Color
045A6C

Protanomaly
325468

Deuteranomaly
31546D

Tritanomaly
015B66

Monochromacy



Original Color
045A6C

Achromatopsia
424242

Achromatomaly
2B4B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 045A6C 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 #045A6C looks like.

```
.text, #text, p{  
    color:#045A6C  
}
```

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 #045A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045A6C  
}
```

Border

The CSS property to change the border of an element to Hex 045A6C 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  
#045A6C }
```

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

```
.border{ border-color:#045A6C }
```

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

Here you see how a box with a 4 pixel #045A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045A6C; -webkit-box-shadow:4px 4px  
4px 4px #045A6C; box-shadow:4px 4px 4px  
4px #045A6C }
```

Background

The CSS property to change the background color of an element to Hex 045A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045A6C }
```

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

```
.background{ background-color:#045A6C }
```

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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