

Converting Colors

Hex(056A4C)

Have a look what the booklet for
Hex(056A4C) contains.

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Color

Hex(056A4C)

Conversions

Conversions Part 1

Format	Color
Hex	056A4C
RGB	5, 106, 76
RGB Percent	2%, 42%, 30%
CMY	0.9804, 0.5843, 0.7020
CMYK	0.95, 0.00, 0.28, 0.58
HSL	162°, 91%, 22%
HSV	162°, 95%, 42%
XYZ	6.5211, 10.8621, 8.5904
YIQ	72.3810, -50.5660, -30.7420

Conversions

Conversions Part 2

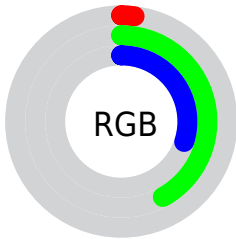
Format	Color
RYB	5, 64, 106
Decimal	354892
CIELab	39.35, -33.88, 9.65
CIELCh	39, 35.222, 164.103
Yxy	10.8621, 0.2511, 0.4182
Android (android.graphics.Color)	4278544972 (0xFF056A4C)
YUV	72.3810, 1.7842, -59.0931
Hunter-Lab	32.9578, -22.3575, 7.6166

Details

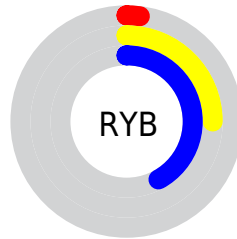
The Hex color **056A4C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A0523**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **499E7D**, and **003920** is the 20% darker color. If you saturate the color by 10%, you get **006A4B**, and if you desaturate by 10%, it is **106A4F**.

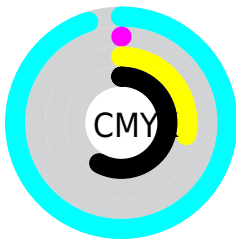
Distribution



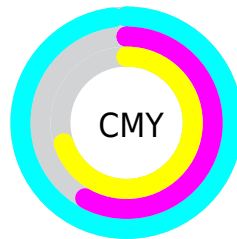
- Red (2%)
- Green (42%)
- Blue (30%)



- Red (2%)
- Yellow (25%)
- Blue (42%)



- Cyan (95%)
- Magenta (0%)
- Yellow (28%)
- Black (58%)



- Cyan (98%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 056A4C 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 056A4C by changing the saturation by 10% instead.

 056A4C

 056A4C

FFFFFF

 005135

 499E7D

 003920

 65B997

 002509

 80D5B2

 000000

 9CF2CD

 B8FFE9

 D5FFFF

 F2FFFF

 056A4C

 056A4C

■ 006A4B

■ 106A4F

■ 1A6A52

■ 256A55

■ 2F6A59

■ 3A6A5C

■ 456A5F

■ 4F6A62

■ 5A6A65

■ 646A68

Harmonies

Analogous

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



406632



056A4C



006B6A

Triad

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



056A4C



445B94



8C4B36

Complementary

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



056A4C



6A0523

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.



924450



056A4C



705086

Square

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



056A4C



006493



8A466D



7A5624

Rectangle

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



056A4C



006A7C



8A466D



8F483E

Sweetspot

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



056A4C



628A7E



236A05



2D453E



C4C4C4



454545

Same Dimension

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



056A4C



008A61



05566A



303634



007552



00F5AC

Inverse Universe

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



6A0523



8A0029



6A1905



363032



750023



F50049

Previews

White Background



This preview shows how the Hex color 056A4C 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

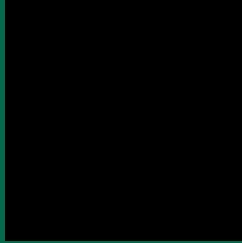
Any Text WCAG AA × Fail

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 056A4C Background



This preview shows how black text looks on a background with the Hex color 056A4C.



This preview shows how white text looks on a background with the Hex color 056A4C.

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
056A4C

Protanopia
635C46

Deuteranopia
6A5950



Tritanopia
23666E

Trichromacy



Original Color
056A4C

Protanomaly
416148

Deuteranomaly
455F4F

Tritanomaly
186762

Monochromacy



Original Color
056A4C

Achromatopsia
484848

Achromatomaly
305449

CSS Examples

Text

The CSS property to change the color of the text to Hex 056A4C 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 #056A4C looks like.

```
.text, #text, p{  
    color:#056A4C  
}
```

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 #056A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056A4C
}
```

Border

The CSS property to change the border of an element to Hex 056A4C 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
#056A4C }
```

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

```
.border{ border-color:#056A4C }
```

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

Here you see how a box with a 4 pixel #056A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056A4C; -webkit-box-shadow:4px 4px  
4px 4px #056A4C; box-shadow:4px 4px 4px  
4px #056A4C }
```

Background

The CSS property to change the background color of an element to Hex 056A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056A4C }
```

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

```
.background{ background-color:#056A4C }
```

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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