

Converting Colors

Hex(045D4C)

Have a look what the booklet for
Hex(045D4C) contains.

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Color

Hex(045D4C)

Conversions

Conversions Part 1

Format	Color
Hex	045D4C
RGB	4, 93, 76
RGB Percent	2%, 36%, 30%
CMY	0.9843, 0.6353, 0.7020
CMYK	0.96, 0.00, 0.18, 0.64
HSL	169°, 92%, 19%
HSV	169°, 96%, 36%
XYZ	5.2689, 8.3763, 8.1766
YIQ	64.4510, -47.5870, -24.1550

Conversions

Conversions Part 2

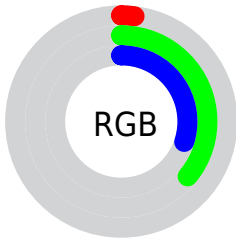
Format	Color
RYB	4, 53, 93
Decimal	286028
CIELab	34.75, -28.12, 3.13
CIELCh	35, 28.296, 173.651
Yxy	8.3763, 0.2415, 0.3839
Android (android.graphics.Color)	4278476108 (0xFF045D4C)
YUV	64.4510, 5.6937, -53.0155
Hunter-Lab	28.9419, -18.1520, 3.5089

Details

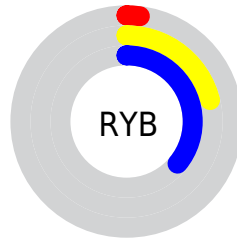
The Hex color **045D4C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D0415**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **45907D**, and **002E20** is the 20% darker color. If you saturate the color by 10%, you get **005D4B**, and if you desaturate by 10%, it is **0D5D4E**.

Distribution



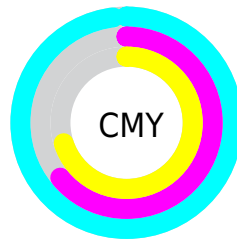
- Red (2%)
- Green (36%)
- Blue (30%)



- Red (2%)
- Yellow (21%)
- Blue (36%)



- Cyan (96%)
- Magenta (0%)
- Yellow (18%)
- Black (64%)



- Cyan (98%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045D4C 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 045D4C by changing the saturation by 10% instead.

 045D4C

 045D4C

FFFFFF

 004535

 45907D

 002E20

 60AB97

 001909

 7BC6B1

 000000

 96E2CD

 B2FFE9

 CFFFFFF

 EFFFFFF

 045D4C

 045D4C

■ 005D4B

■ 0D5D4E

■ 175D50

■ 205D51

■ 295D53

■ 325D55

■ 3C5D57

■ 455D58

■ 4E5D5A

■ 585D5C

Harmonies

Analogous

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



335B36



045D4C



005D63

Triad

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



045D4C



4C4E7B



74472E

Complementary

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



045D4C



5D0415

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.



7C4041



045D4C



69456D

Square

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



045D4C



1F567E



793F57



644F24

Rectangle

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



045D4C



005C70



793F57



784434

Sweetspot

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



045D4C



557871



165D04



283D39



BDBDBD



3D3D3D

Same Dimension

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



045D4C



007861



04425D



292E2D



006E59



00EDC0

Inverse Universe

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



5D0415



780017



5D1F04



2E292A



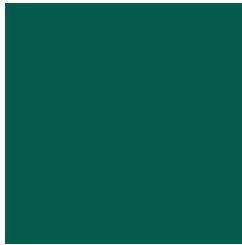
6E0015



ED002D

Previews

White Background



This preview shows how the Hex color 045D4C looks on a white background.

Color Contrast Check

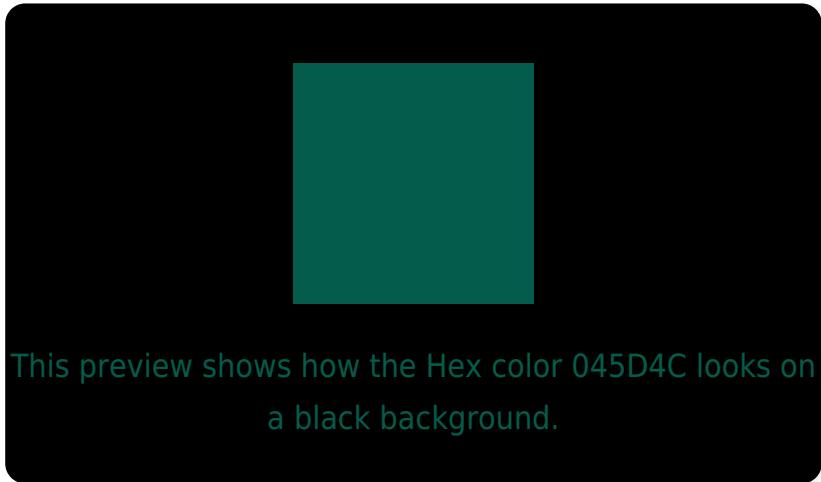
Large Text (above 18pt) WCAG AA ✓ Pass

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

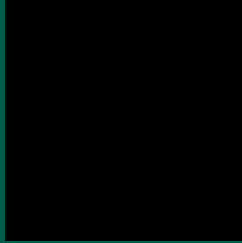
Any Text WCAG AA × Fail

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 045D4C Background



This preview shows how black text looks on a background with the Hex color 045D4C.



This preview shows how white text looks on a background with the Hex color 045D4C.

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
045D4C

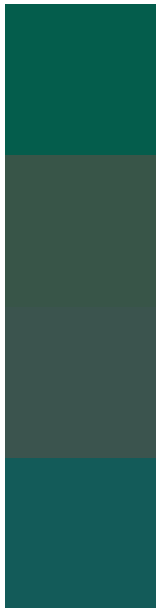
Protanopia
565146

Deuteranopia
5B4F4F



Tritanopia
1C5A61

Trichromacy



Original Color
045D4C

Protanomaly
385548

Deuteranomaly
3B544E

Tritanomaly
135B59

Monochromacy



Original Color
045D4C

Achromatopsia
404040

Achromatomaly
2A4B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 045D4C 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 #045D4C looks like.

```
.text, #text, p{  
    color:#045D4C  
}
```

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 #045D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045D4C
}
```

Border

The CSS property to change the border of an element to Hex 045D4C 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
#045D4C }
```

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

```
.border{ border-color:#045D4C }
```

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

Here you see how a box with a 4 pixel #045D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045D4C; -webkit-box-shadow:4px 4px  
4px 4px #045D4C; box-shadow:4px 4px 4px  
4px #045D4C }
```

Background

The CSS property to change the background color of an element to Hex 045D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045D4C }
```

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

```
.background{ background-color:#045D4C }
```

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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