

Converting Colors

Hex(045C4F)

Have a look what the booklet for
Hex(045C4F) contains.

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Color

Hex(045C4F)

Conversions

Conversions Part 1

Format	Color
Hex	045C4F
RGB	4, 92, 79
RGB Percent	2%, 36%, 31%
CMY	0.9843, 0.6392, 0.6902
CMYK	0.96, 0.00, 0.14, 0.64
HSL	171°, 92%, 19%
HSV	171°, 96%, 36%
XYZ	5.2885, 8.2446, 8.7098
YIQ	64.2060, -48.2750, -22.6990

Conversions

Conversions Part 2

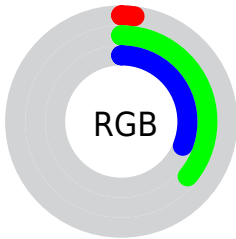
Format	Color
R_{YB}	4, 52, 92
Decimal	285775
CIE _{Lab}	34.49, -26.73, 0.87
CIE _{LCh}	34, 26.748, 178.131
Yxy	8.2446, 0.2378, 0.3707
Android (android.graphics.Color)	4278475855 (0xFF045C4F)
YUV	64.2060, 7.2934, -52.8007
Hunter-Lab	28.7134, -17.3720, 2.1147

Details

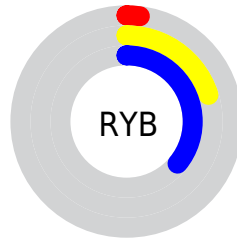
The Hex color **045C4F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C0411**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **458F80**, and **002D23** is the 20% darker color. If you saturate the color by 10%, you get **005C4E**, and if you desaturate by 10%, it is **0D5C50**.

Distribution



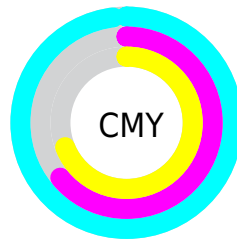
- Red (2%)
- Green (36%)
- Blue (31%)



- Red (2%)
- Yellow (20%)
- Blue (36%)



- Cyan (96%)
- Magenta (0%)
- Yellow (14%)
- Black (64%)



- Cyan (98%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045C4F 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 045C4F by changing the saturation by 10% instead.



045C4F



045C4F

FFFFFF



004438



458F80



002D23



60AA9A



00190D



7BC5B5



000000



96E1D0



B2FEED



CFFFFFF



ECFFFF



045C4F



045C4F

■ 005C4E

■ 0D5C50

■ 165C52

■ 205C53

■ 295C54

■ 325C56

■ 3B5C57

■ 445C59

■ 4E5C5A

■ 575C5B

Harmonies

Analogous

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



305A3A



045C4F



005C64

Triad

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



045C4F



514C77



70482D

Complementary

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



045C4F



5C0411

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.



79413E



045C4F



6A4468

Square

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



045C4F



2B547B



784053



5F4F26

Rectangle

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



045C4F



005A70



784053



744532

Sweetspot

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



045C4F



557873



115C04



283D3A



BDBDBD



3D3D3D

Same Dimension

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



045C4F



007866



043D5C



292E2D



006E5D



00EDCA

Inverse Universe

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



5C0411



780012



5C2304



2E292A



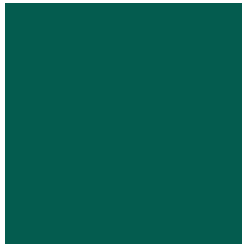
6E0010



ED0023

Previews

White Background



This preview shows how the Hex color 045C4F looks on a white background.

Color Contrast Check

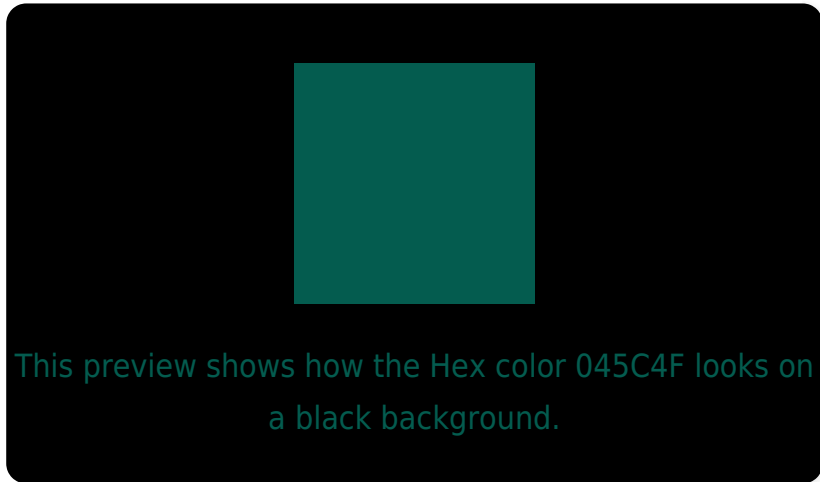
Large Text (above 18pt) WCAG AA ✓ Pass

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

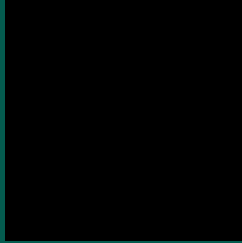
Any Text WCAG AA × Fail

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 045C4F Background



This preview shows how black text looks on a background with the Hex color 045C4F.



This preview shows how white text looks on a background with the Hex color 045C4F.

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
045C4F

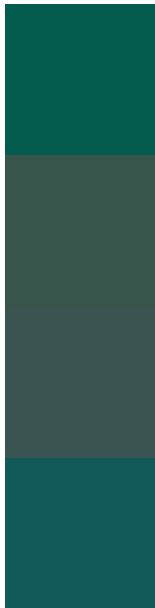
Protanopia
545149

Deuteranopia
584F52



Tritanopia
1A5961

Trichromacy



Original Color
045C4F

Protanomaly
37554B

Deuteranomaly
395451

Tritanomaly
125A5A

Monochromacy



Original Color
045C4F

Achromatopsia
404040

Achromatomaly
2A4A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 045C4F 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 #045C4F looks like.

```
.text, #text, p{  
    color:#045C4F  
}
```

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 #045C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045C4F
}
```

Border

The CSS property to change the border of an element to Hex 045C4F 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
#045C4F }
```

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

```
.border{ border-color:#045C4F }
```

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

Here you see how a box with a 4 pixel #045C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045C4F; -webkit-box-shadow:4px 4px  
4px 4px #045C4F; box-shadow:4px 4px 4px  
4px #045C4F }
```

Background

The CSS property to change the background color of an element to Hex 045C4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045C4F }
```

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

```
.background{ background-color:#045C4F }
```

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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