

Converting Colors

Hex(05604D)

Have a look what the booklet for
Hex(05604D) contains.

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Color

Hex(05604D)

Conversions

Conversions Part 1

Format	Color
Hex	05604D
RGB	5, 96, 77
RGB Percent	2%, 38%, 30%
CMY	0.9804, 0.6235, 0.6980
CMYK	0.95, 0.00, 0.20, 0.62
HSL	167°, 90%, 20%
HSV	167°, 95%, 38%
XYZ	5.5850, 8.9338, 8.4512
YIQ	66.6250, -48.1370, -25.2010

Conversions

Conversions Part 2

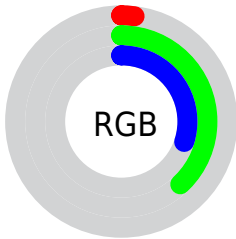
Format	Color
RYB	5, 56, 96
Decimal	352333
CIELab	35.86, -29.13, 4.09
CIELCh	36, 29.420, 172.000
Yxy	8.9338, 0.2431, 0.3889
Android (android.graphics.Color)	4278542413 (0xFF05604D)
YUV	66.6250, 5.1149, -54.0451
Hunter-Lab	29.8895, -18.9530, 4.1585

Details

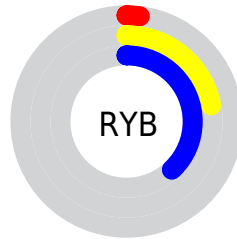
The Hex color **05604D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **600518**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **47937E**, and **003121** is the 20% darker color. If you saturate the color by 10%, you get **00604C**, and if you desaturate by 10%, it is **0F604F**.

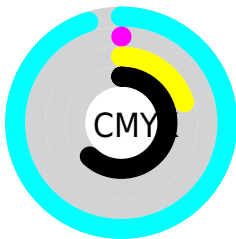
Distribution



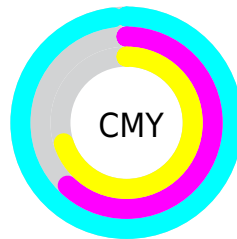
- Red (2%)
- Green (38%)
- Blue (30%)



- Red (2%)
- Yellow (22%)
- Blue (38%)



- Cyan (95%)
- Magenta (0%)
- Yellow (20%)
- Black (62%)



- Cyan (98%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05604D 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 05604D by changing the saturation by 10% instead.

 05604D

 05604D

FFFFFF

 004836

 47937E

 003121

 62AE98

 001D0A

 7DCAB2

 000000

 98E6CE

 B4FFEA

 D0FFFF

 EDFFFF

 05604D

 05604D

■ 00604C

■ 0F604F

■ 186051

■ 226053

■ 2B6055

■ 356057

■ 3F6059

■ 48605B

■ 52605D

■ 5B605F

Harmonies

Analogous

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



355D36



05604D



006065

Triad

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



05604D



4C5180



794830

Complementary

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



05604D



600518

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.



814244



05604D



6B4872

Square

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



05604D



195983



7D415C



685125

Rectangle

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



05604D



005F73



7D415C



7D4636

Sweetspot

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



05604D



5A7D76



196005



2A403B



BFBFBF



404040

Same Dimension

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



05604D



007D63



054660



2C302F



007059



00F0BE

Inverse Universe

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



600518



7D001A



601F05



302C2D



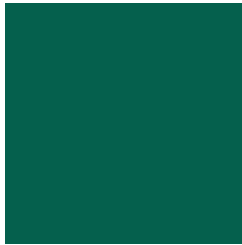
700017



F00032

Previews

White Background



This preview shows how the Hex color 05604D looks on a white background.

Color Contrast Check

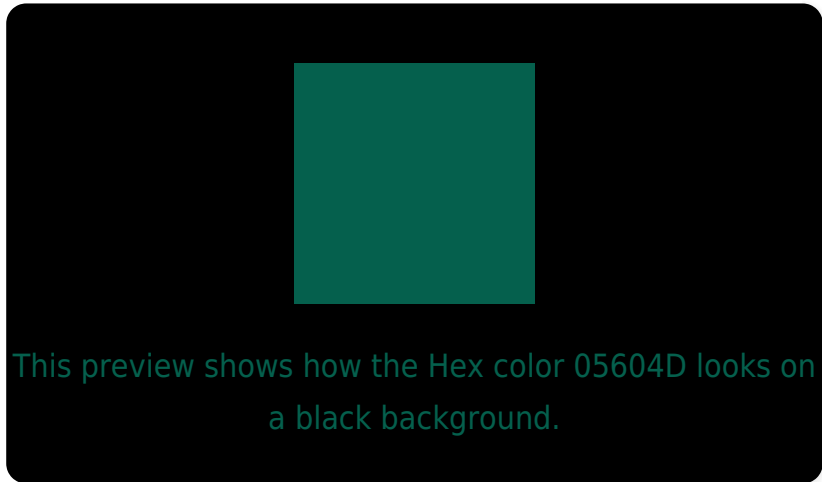
Large Text (above 18pt) WCAG AA ✓ Pass

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

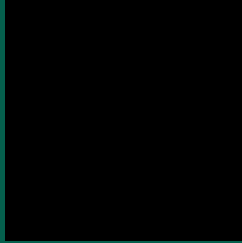
Any Text WCAG AA × Fail

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 05604D Background



This preview shows how black text looks on a background with the Hex color 05604D.



This preview shows how white text looks on a background with the Hex color 05604D.

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
05604D

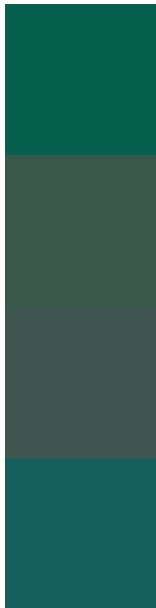
Protanopia
595447

Deuteranopia
5E5150



Tritanopia
1D5D64

Trichromacy



Original Color
05604D

Protanomaly
3A5849

Deuteranomaly
3E564F

Tritanomaly
145E5C

Monochromacy



Original Color
05604D

Achromatopsia
434343

Achromatomaly
2C4E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 05604D 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 #05604D looks like.

```
.text, #text, p{  
    color:#05604D  
}
```

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 #05604D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05604D
}
```

Border

The CSS property to change the border of an element to Hex 05604D 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
#05604D }
```

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

```
.border{ border-color:#05604D }
```

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

Here you see how a box with a 4 pixel #05604D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05604D; -webkit-box-shadow:4px 4px  
4px 4px #05604D; box-shadow:4px 4px 4px  
4px #05604D }
```

Background

The CSS property to change the background color of an element to Hex 05604D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05604D }
```

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

```
.background{ background-color:#05604D }
```

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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