

Converting Colors

Hex(005D54)

Have a look what the booklet for
Hex(005D54) contains.

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Color

Hex(005D54)

Conversions

Conversions Part 1

Format	Color
Hex	005D54
RGB	0, 93, 84
RGB Percent	0%, 36%, 33%
CMY	1.0000, 0.6353, 0.6706
CMYK	1.00, 0.00, 0.10, 0.64
HSL	174°, 100%, 18%
HSV	174°, 100%, 36%
XYZ	5.5146, 8.4688, 9.7315
YIQ	64.1670, -52.5390, -22.5150

Conversions

Conversions Part 2

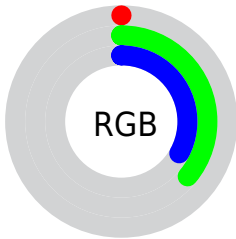
Format	Color
RYB	0, 49, 93
Decimal	23892
CIELab	34.94, -26.01, -1.59
CIELCh	35, 26.055, 183.502
Yxy	8.4688, 0.2325, 0.3571
Android (android.graphics.Color)	4278213972 (0xFF005D54)
YUV	64.1670, 9.7777, -56.2745
Hunter-Lab	29.1012, -17.1019, 0.5441

Details

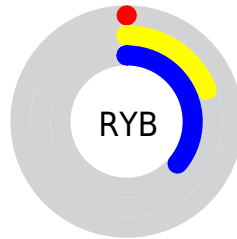
The Hex color **005D54** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D0009**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **459085**, and **002E27** is the 20% darker color. If you saturate the color by 10%, you get **005D54**, and if you desaturate by 10%, it is **095D55**.

Distribution



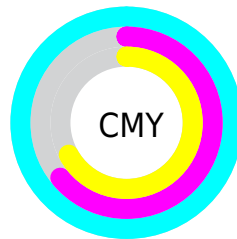
- Red (0%)
- Green (36%)
- Blue (33%)



- Red (0%)
- Yellow (19%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005D54 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 005D54 by changing the saturation by 10% instead.

005D54

005D54

FFFFFF

00453D

459085

002E27

60ABA0

001A13

7BC6BB

000000

96E2D6

B2FFF3

CFFFFF

ECFFFF

005D54

■ 095D55

■ 135D56

■ 1C5D57

■ 255D58

■ 2F5D58

■ 385D59

■ 415D5A

■ 4A5D5B

■ 545D5C

Harmonies

Analogous

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



2D5B3F



005D54



005C68

Triad

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



005D54



574C75



6E4A2D

Complementary

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



005D54



5D0009

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.



78443C



005D54



6E4565

Square

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



005D54



36537B



794151



5D5228

Rectangle

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



005D54



005B73



794151



724831

Sweetspot

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



005D54



547874



095D00



273D3B



BDBDBD



3D3D3D

Same Dimension

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



005D54



00786C



00385D



292E2D



006E63



00EDD6

Inverse Universe

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



5D0009



78000C



5D2500



2E292A



6E000B



ED0017

Previews

White Background



This preview shows how the Hex color 005D54 looks on a white background.

Color Contrast Check

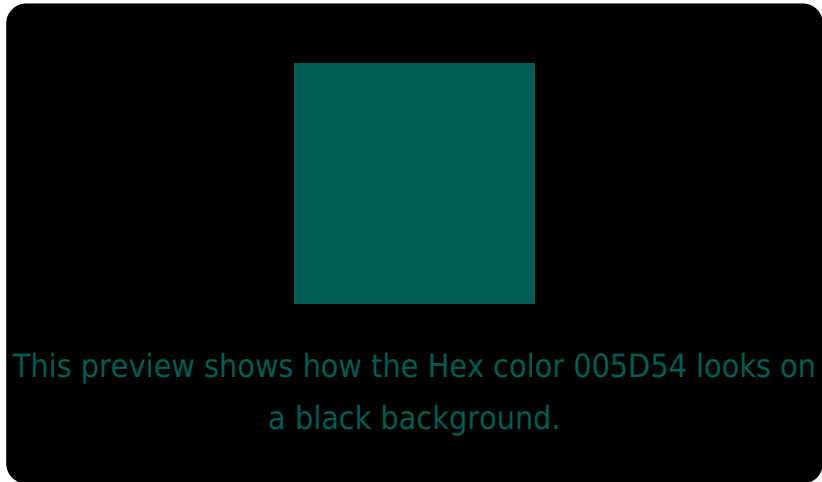
Large Text (above 18pt) WCAG AA ✓ Pass

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

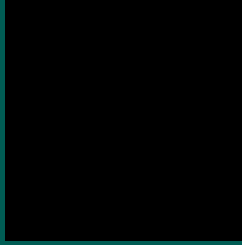
Any Text WCAG AA × Fail

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 005D54 Background



This preview shows how black text looks on a background with the Hex color 005D54.



This preview shows how white text looks on a background with the Hex color 005D54.

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
005D54

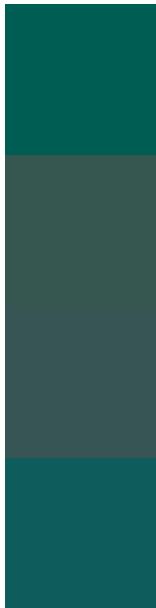
Protanopia
5524E

Deuteranopia
585057



Tritanopia
175B62

Trichromacy



Original Color
005D54

Protanomaly
365650

Deuteranomaly
385556

Tritanomaly
0F5C5D

Monochromacy



Original Color
005D54

Achromatopsia
404040

Achromatomaly
294B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 005D54 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 #005D54 looks like.

```
.text, #text, p{  
    color:#005D54  
}
```

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 #005D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D54
}
```

Border

The CSS property to change the border of an element to Hex 005D54 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
#005D54 }
```

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

```
.border{ border-color:#005D54 }
```

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

Here you see how a box with a 4 pixel #005D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D54; -webkit-box-shadow:4px 4px  
4px 4px #005D54; box-shadow:4px 4px 4px  
4px #005D54 }
```

Background

The CSS property to change the background color of an element to Hex 005D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D54 }
```

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

```
.background{ background-color:#005D54 }
```

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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