

Converting Colors

Hex(00545D)

Have a look what the booklet for
Hex(00545D) contains.

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Color

Hex(00545D)

Conversions

Conversions Part 1

Format	Color
Hex	00545D
RGB	0, 84, 93
RGB Percent	0%, 33%, 36%
CMY	1.0000, 0.6706, 0.6353
CMYK	1.00, 0.10, 0.00, 0.64
HSL	186°, 100%, 18%
HSV	186°, 100%, 36%
XYZ	5.1461, 7.1310, 11.4611
YIQ	59.9100, -52.9530, -15.0090

Conversions

Conversions Part 2

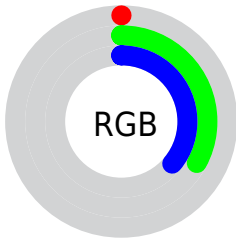
Format	Color
RYB	0, 44, 93
Decimal	21597
CIELab	32.10, -18.19, -11.50
CIELCh	32, 21.515, 212.296
Yxy	7.1310, 0.2168, 0.3004
Android (android.graphics.Color)	4278211677 (0xFF00545D)
YUV	59.9100, 16.3134, -52.5411
Hunter-Lab	26.7039, -12.3330, -6.7542

Details

The Hex color **00545D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D0900**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **44868F**, and **00272F** is the 20% darker color. If you saturate the color by 10%, you get **00545D**, and if you desaturate by 10%, it is **09555D**.

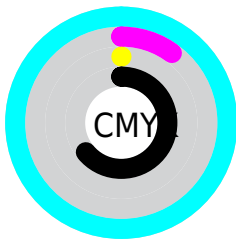
Distribution



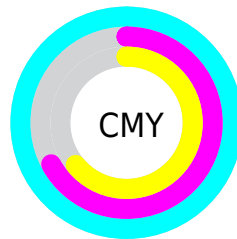
- Red (0%)
- Green (33%)
- Blue (36%)



- Red (0%)
- Yellow (17%)
- Blue (36%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00545D 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 00545D by changing the saturation by 10% instead.

00545D

00545D

FFFFFF

003D45

44868F

00272F

5FA0AA

000F1B

7ABBC5

000000

96D7E1

B1F4FE

CEFFFF

EBFFFF

00545D

■ 09555D

■ 13565D

■ 1C575D

■ 25585D

■ 2F595D

■ 38595D

■ 415A5D

■ 4A5B5D

■ 545C5D

Harmonies

Analogous

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



17554C



00545D



165169

Triad

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



00545D



62415C



554B29

Complementary

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



00545D



5D0900

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.



63452E



00545D



6B3E4B

Square

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



00545D



4F4768



6B403A



44502E

Rectangle

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



00545D



2B4F6D



6B403A



5B492A

Sweetspot

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



00545D



547478



005D08



273B3D



BDBDBD



3D3D3D

Same Dimension

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



00545D



006C78



00275D



292D2E



00636E



00D6ED

Inverse Universe

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



5D0054



78006C



5D3600



2E292D



6E0063



ED00D6

Previews

White Background



This preview shows how the Hex color 00545D looks on a white background.

Color Contrast Check

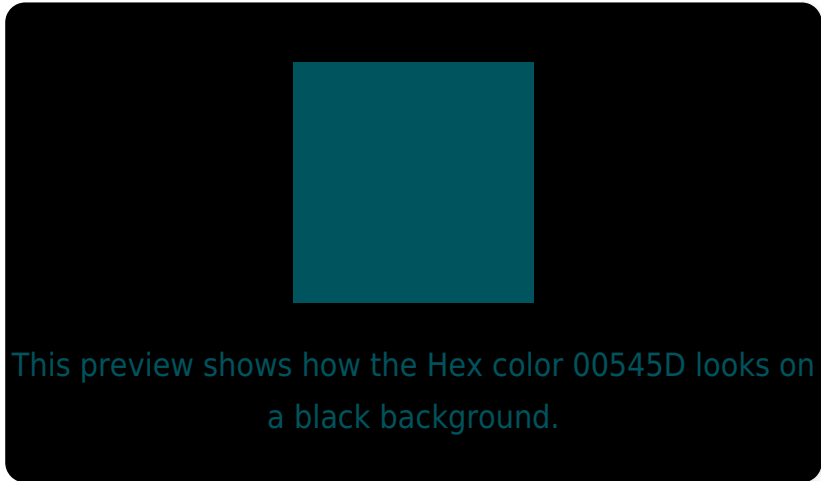
Large Text (above 18pt) WCAG AA ✓ Pass

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

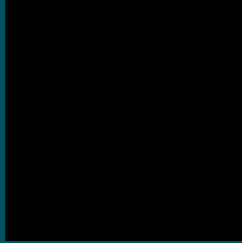
Any Text WCAG AA × Fail

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 00545D Background



This preview shows how black text looks on a background with the Hex color 00545D.



This preview shows how white text looks on a background with the Hex color 00545D.

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
00545D

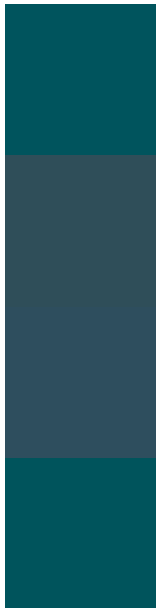
Protanopia
4A4B57

Deuteranopia
494A5F



Tritanopia
00545B

Trichromacy



Original Color
00545D

Protanomaly
2F4E59

Deuteranomaly
2E4E5E

Tritanomaly
00545C

Monochromacy



Original Color
00545D

Achromatopsia
3C3C3C

Achromatomaly
264548

CSS Examples

Text

The CSS property to change the color of the text to Hex 00545D 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 #00545D looks like.

```
.text, #text, p{  
    color:#00545D  
}
```

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 #00545D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00545D
}
```

Border

The CSS property to change the border of an element to Hex 00545D 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
#00545D }
```

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

```
.border{ border-color:#00545D }
```

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

Here you see how a box with a 4 pixel #00545D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00545D; -webkit-box-shadow:4px 4px  
4px 4px #00545D; box-shadow:4px 4px 4px  
4px #00545D }
```

Background

The CSS property to change the background color of an element to Hex 00545D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00545D }
```

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

```
.background{ background-color:#00545D }
```

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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