

Converting Colors

Hex(04555C)

Have a look what the booklet for
Hex(04555C) contains.

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Color

Hex(04555C)

Conversions

Conversions Part 1

Format	Color
Hex	04555C
RGB	4, 85, 92
RGB Percent	2%, 33%, 36%
CMY	0.9843, 0.6667, 0.6392
CMYK	0.96, 0.08, 0.00, 0.64
HSL	185°, 92%, 19%
HSV	185°, 96%, 36%
XYZ	5.2303, 7.2955, 11.2577
YIQ	61.5790, -50.5230, -14.9950

Conversions

Conversions Part 2

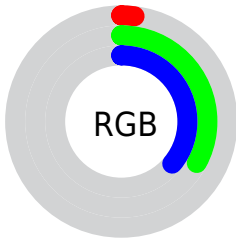
Format	Color
R_{YB}	4, 46, 92
Decimal	283996
CIE _{Lab}	32.47, -18.74, -10.30
CIE _{LCh}	32, 21.387, 208.791
Yxy	7.2955, 0.2199, 0.3067
Android (android.graphics.Color)	4278474076 (0xFF04555C)
YUV	61.5790, 14.9976, -50.4968
Hunter-Lab	27.0102, -12.7026, -5.8046

Details

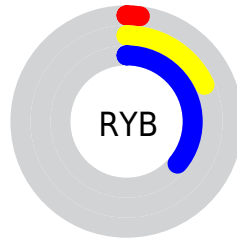
The Hex color **04555C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C0B04**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **46878E**, and **00272E** is the 20% darker color. If you saturate the color by 10%, you get **00555C**, and if you desaturate by 10%, it is **0D565C**.

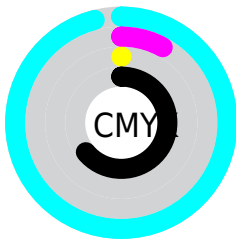
Distribution



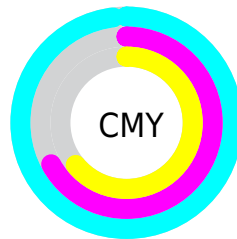
- Red (2%)
- Green (33%)
- Blue (36%)



- Red (2%)
- Yellow (18%)
- Blue (36%)



- Cyan (96%)
- Magenta (8%)
- Yellow (0%)
- Black (64%)



- Cyan (98%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04555C 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 04555C by changing the saturation by 10% instead.

■ 04555C

■ 04555C

FFFFFF

■ 003E44

■ 46878E

■ 00272E

■ 61A1A9

■ 00111A

■ 7BBCC4

■ 000000

■ 97D8E0

■ B3F5FC

■ CFFFFFF

■ EFFFFFF

■ 04555C

■ 04555C

■ 00555C

■ 0D565C

■ 16565C

■ 20575C

■ 29585C

■ 32595C

■ 3B595C

■ 445A5C

■ 4E5B5C

■ 575C5C

Harmonies

Analogous

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



1C554B



04555C



145369

Triad

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



04555C



61425E



584B2A

Complementary

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



04555C



5C0B04

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.



654530



04555C



6C3F4E

Square

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



04555C



4D486A



6D413D



47502E

Rectangle

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



04555C



29506D



6D413D



5D492B

Sweetspot

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



04555C



557578



045C0A



283B3D



BDBDBD



3D3D3D

Same Dimension

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



04555C



006E78



042A5C



292E2E



00656E



00DAED

Inverse Universe

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



5C0455



78006E



5C3604



2E292E



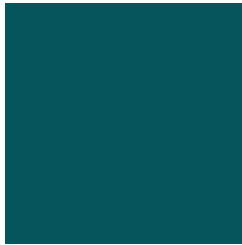
6E0065



ED00DA

Previews

White Background



This preview shows how the Hex color 04555C looks on a white background.

Color Contrast Check

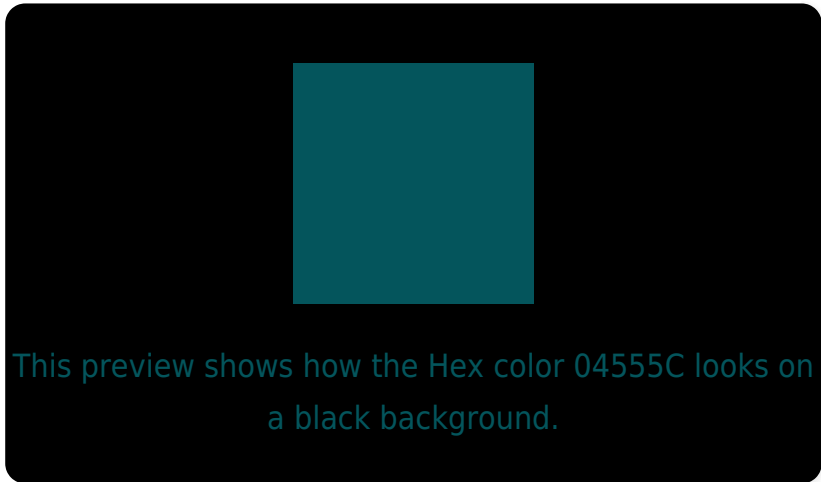
Large Text (above 18pt) WCAG AA ✓ Pass

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

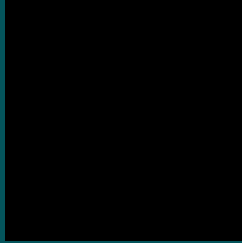
Any Text WCAG AA × Fail

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 04555C Background



This preview shows how black text looks on a background with the Hex color 04555C.

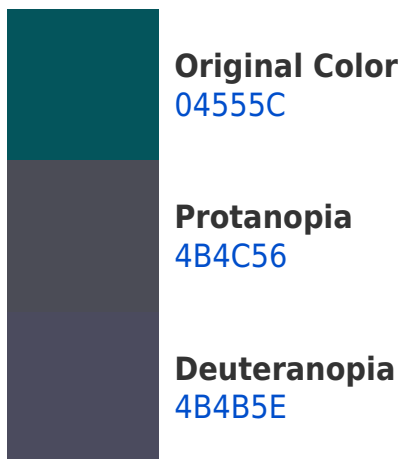



This preview shows how white text looks on a background with the Hex color 04555C.

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](#).

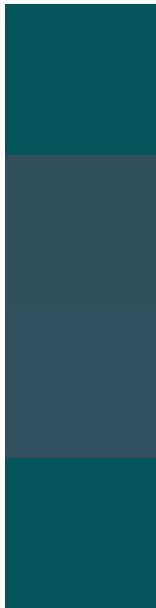
Dichromacy





Tritanopia
04555C

Trichromacy



Original Color
04555C

Protanomaly
314F58

Deuteranomaly
314F5D

Tritanomaly
04555C

Monochromacy



Original Color
04555C

Achromatopsia
3E3E3E

Achromatomaly
294649

CSS Examples

Text

The CSS property to change the color of the text to Hex 04555C 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 #04555C looks like.

```
.text, #text, p{  
    color:#04555C  
}
```

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 #04555C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04555C
}
```

Border

The CSS property to change the border of an element to Hex 04555C 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
#04555C }
```

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

```
.border{ border-color:#04555C }
```

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

Here you see how a box with a 4 pixel #04555C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04555C; -webkit-box-shadow:4px 4px  
4px 4px #04555C; box-shadow:4px 4px 4px  
4px #04555C }
```

Background

The CSS property to change the background color of an element to Hex 04555C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04555C }
```

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

```
.background{ background-color:#04555C }
```

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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