

Converting Colors

Hex(004555)

Have a look what the booklet for
Hex(004555) contains.

Hex(004555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004555)

Conversions

Conversions Part 1

Format	Color
Hex	004555
RGB	0, 69, 85
RGB Percent	0%, 27%, 33%
CMY	1.0000, 0.7294, 0.6667
CMYK	1.00, 0.19, 0.00, 0.67
HSL	191°, 100%, 17%
HSV	191°, 100%, 33%
XYZ	3.7678, 4.9121, 9.3439
YIQ	50.1930, -46.2600, -9.6520

Conversions

Conversions Part 2

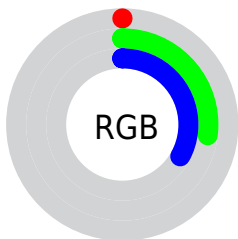
Format	Color
RYB	0, 38, 85
Decimal	17749
CIELab	26.48, -12.63, -14.97
CIELCh	26, 19.587, 229.846
Yxy	4.9121, 0.2090, 0.2725
Android (android.graphics.Color)	4278207829 (0xFF004555)
YUV	50.1930, 17.1599, -44.0193
Hunter-Lab	22.1633, -8.4404, -9.4819

Details

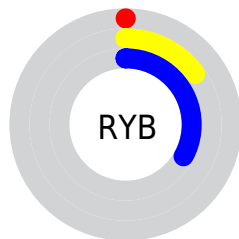
The Hex color **004555** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **551000**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **407587**, and **001B28** is the 20% darker color. If you saturate the color by 10%, you get **004555**, and if you desaturate by 10%, it is **084755**.

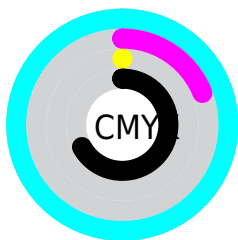
Distribution



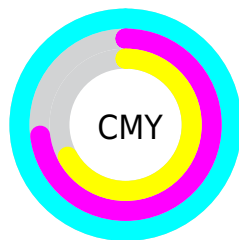
- Red (0%)
- Green (27%)
- Blue (33%)



- Red (0%)
- Yellow (15%)
- Blue (33%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004555 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 004555 by changing the saturation by 10% instead.

 004555

 004555

FFFFFF

 002F3E

 407587

 001B28

 5A8FA1

 000113

 75A9BC

 000000

 90C5D8

 ABE1F4

 C7FDFF

 E4FFFF

 004555

■ 084755

■ 114855

■ 194A55

■ 224B55

■ 2A4D55

■ 334F55

■ 3B5055

■ 445255

■ 4C5355

Harmonies

Analogous

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



004648



004555



1F425C

Triad

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



004555



583344



3E4122

Complementary

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



004555



551000

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.



4D3C21



004555



5C3335

Square

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



004555



4C3752



573728



2D442B

Rectangle

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



004555



313E5C



573728



443F21

Sweetspot

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



004555



4D676E



005510



243438



B8B8B8



383838

Same Dimension

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



004555



00596E



001B55



272B2B



00576B



00BEEB

Inverse Universe

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



550045



6E0059



553A00



2B272B



6B0057



EB00BE

Previews

White Background



This preview shows how the Hex color 004555 looks on a white background.

Color Contrast Check

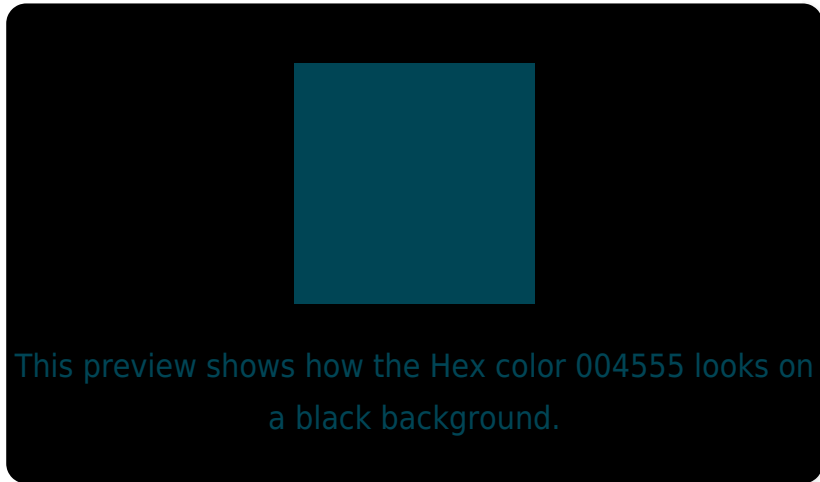
Large Text (above 18pt) WCAG AA ✓ Pass

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

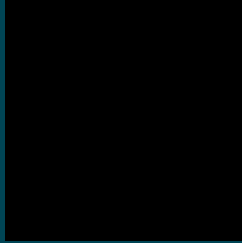
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

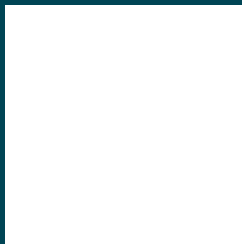
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 004555 Background



This preview shows how black text looks on a background with the Hex color 004555.

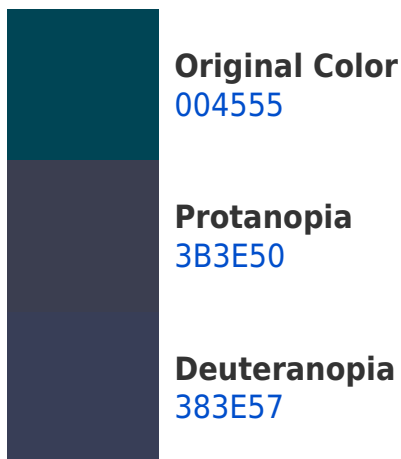



This preview shows how white text looks on a background with the Hex color 004555.

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](#).

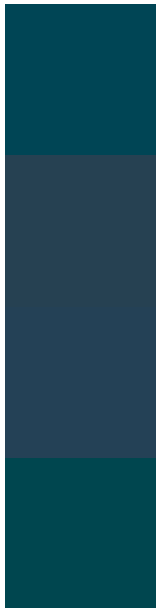
Dichromacy





Tritanopia
00464C

Trichromacy



Original Color
004555

Protanomaly
264152

Deuteranomaly
244156

Tritanomaly
00464F

Monochromacy



Original Color
004555

Achromatopsia
323232

Achromatomaly
20393F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004555 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 #004555 looks like.

```
.text, #text, p{  
  color:#004555  
}
```

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 #004555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004555
}
```

Border

The CSS property to change the border of an element to Hex 004555 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
#004555 }
```

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

```
.border{ border-color:#004555 }
```

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

Here you see how a box with a 4 pixel #004555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004555; -webkit-box-shadow:4px 4px  
4px 4px #004555; box-shadow:4px 4px 4px  
4px #004555 }
```

Background

The CSS property to change the background color of an element to Hex 004555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004555 }
```

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

```
.background{ background-color:#004555 }
```

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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