

Converting Colors

Hex(003538)

Have a look what the booklet for
Hex(003538) contains.

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Color

Hex(003538)

Conversions

Conversions Part 1

Format	Color
Hex	003538
RGB	0, 53, 56
RGB Percent	0%, 21%, 22%
CMY	1.0000, 0.7922, 0.7804
CMYK	1.00, 0.05, 0.00, 0.78
HSL	183°, 100%, 11%
HSV	183°, 100%, 22%
XYZ	1.9869, 2.8317, 4.1832
YIQ	37.4950, -32.5510, -10.3030

Conversions

Conversions Part 2

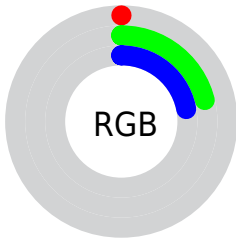
Format	Color
RYB	0, 27, 56
Decimal	13624
CIELab	19.36, -14.66, -6.53
CIELCh	19, 16.050, 203.990
Yxy	2.8317, 0.2207, 0.3146
Android (android.graphics.Color)	4278203704 (0xFF003538)
YUV	37.4950, 9.1230, -32.8831
Hunter-Lab	16.8277, -8.3724, -2.9596

Details

The Hex color **003538** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **380300**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **376467**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **003538**, and if you desaturate by 10%, it is **063538**.

Distribution



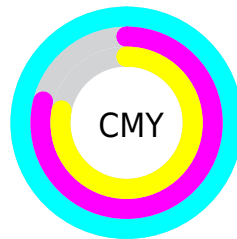
- Red (0%)
- Green (21%)
- Blue (22%)



- Red (0%)
- Yellow (11%)
- Blue (22%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003538 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 003538 by changing the saturation by 10% instead.

 003538

 003538

 F2FFFF

 002023

 376467

 00010D

 507D80

 000000

 69979A

 83B2B5

 9ECDD0

 B9E9EC

 D6FFFF

 003538

■ 063538

■ 0B3638

■ 113638

■ 163638

■ 1C3738

■ 223738

■ 273738

■ 2D3738

■ 323838

Harmonies

Analogous

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



0F352C



003538



033441

Triad

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



003538



3B293D



392D18

Complementary

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



003538



380300

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.



41291C



003538



442632

Square

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



003538



2D2D44



462626



2D3119

Rectangle

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



003538



123245



462626



3C2C19

Sweetspot

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



003538



34494A



003803



182626



A6A6A6



262626

Same Dimension

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



003538



00464A



001938



191C1C



00575C



00D0DB

Inverse Universe

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



380035



4A0046



381F00



1C191C



5C0057



DB00D0

Previews

White Background



This preview shows how the Hex color 003538 looks on a white background.

Color Contrast Check

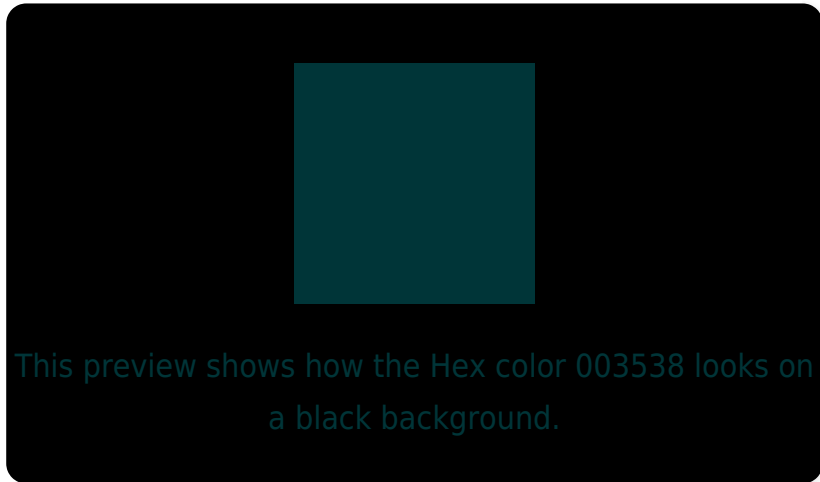
Large Text (above 18pt) WCAG AA ✓ Pass

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

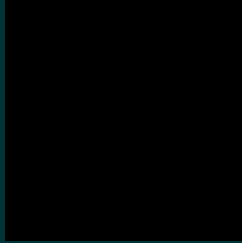
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

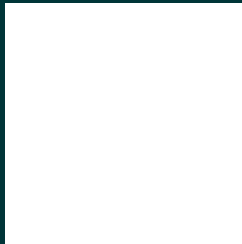
Any Text WCAG AAA × Fail

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

Hex 003538 Background



This preview shows how black text looks on a background with the Hex color 003538.



This preview shows how white text looks on a background with the Hex color 003538.

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

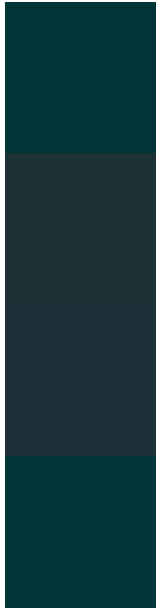


Original Color
003538

Protanopia
2F2F34

Deuteranopia
2F2E39

Trichromacy



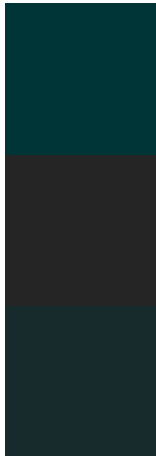
Original Color
003538

Protanomaly
1E3135

Deuteranomaly
1E3139

Tritanomaly
043539

Monochromacy



Original Color
003538

Achromatopsia
252525

Achromatomaly
182B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 003538 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 #003538 looks like.

```
.text, #text, p{  
    color:#003538  
}
```

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 #003538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003538
}
```

Border

The CSS property to change the border of an element to Hex 003538 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
#003538 }
```

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

```
.border{ border-color:#003538 }
```

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

Here you see how a box with a 4 pixel #003538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003538; -webkit-box-shadow:4px 4px  
4px 4px #003538; box-shadow:4px 4px 4px  
4px #003538 }
```

Background

The CSS property to change the background color of an element to Hex 003538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003538 }
```

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

```
.background{ background-color:#003538 }
```

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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