

Converting Colors

Hex(003458)

Have a look what the booklet for
Hex(003458) contains.

Hex(003458)	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(003458)

Conversions

Conversions Part 1

Format	Color
Hex	003458
RGB	0, 52, 88
RGB Percent	0%, 20%, 35%
CMY	1.0000, 0.7961, 0.6549
CMYK	1.00, 0.41, 0.00, 0.65
HSL	205°, 100%, 17%
HSV	205°, 100%, 35%
XYZ	2.9894, 3.1606, 9.6850
YIQ	40.5560, -42.5480, 0.1720

Conversions

Conversions Part 2

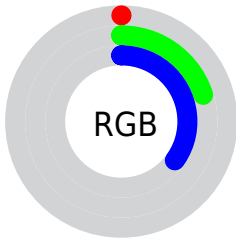
Format	Color
RYB	0, 33, 88
Decimal	13400
CIELab	20.68, -0.26, -26.04
CIELCh	21, 26.045, 269.437
Yxy	3.1606, 0.1888, 0.1996
Android (android.graphics.Color)	4278203480 (0xFF003458)
YUV	40.5560, 23.3899, -35.5676
Hunter-Lab	17.7780, -1.0959, -19.8552

Details

The Hex color **003458** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **582400**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3F628A**, and **00062A** is the 20% darker color. If you saturate the color by 10%, you get **003458**, and if you desaturate by 10%, it is **093858**.

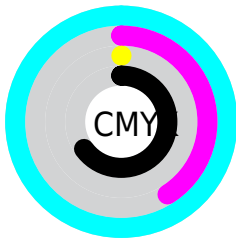
Distribution



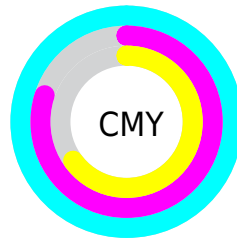
- Red (0%)
- Green (20%)
- Blue (35%)



- Red (0%)
- Yellow (13%)
- Blue (35%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003458 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 003458 by changing the saturation by 10% instead.

■ 003458

■ 003458

FFFFFF

■ 001F40

■ 3F628A

■ 00062A

■ 5A7BA5

■ 000115

■ 7495C0

■ 000000

■ 8FAFDC

■ AACBF8

■ C6E7FF

■ E3FFFF

■ 003458

■ 093858

■ 123B58

■ 1A3F58

■ 234258

■ 2C4658

■ 354A58

■ 3E4D58

■ 465158

■ 4F5458

Harmonies

Analogous

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



003952



003458



322D53

Triad

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



003458



542320



0E391D

Complementary

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



003458



582400

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.



29360E



003458



4B2911

Square

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



003458



542033



3C3108



003B31

Rectangle

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



003458



42274B



3C3108



193918

Sweetspot

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



003458



506573



005823



26323B



BABABA



3B3B3B

Same Dimension

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



003458



004473



000958



272A2B



003F6B



008BEB

Inverse Universe

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



580034



730044



584F00



2B272A



6B003F



EB008B

Previews

White Background



This preview shows how the Hex color 003458 looks on a white background.

Color Contrast Check

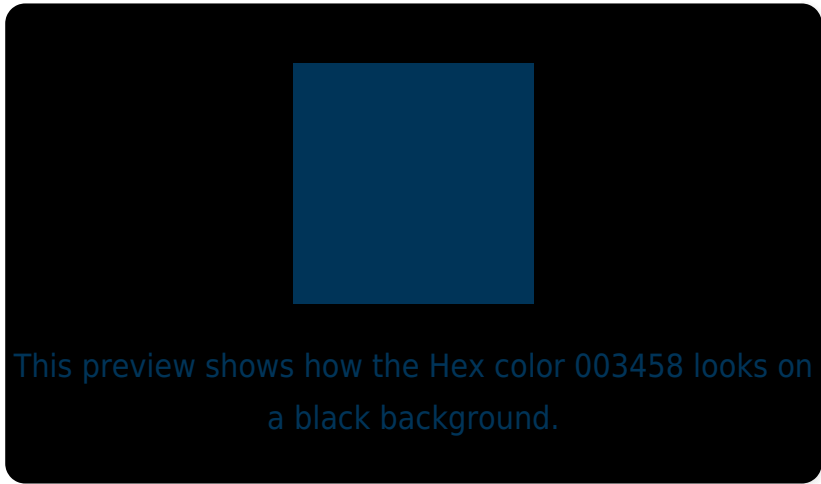
Large Text (above 18pt) WCAG AA ✓ Pass

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

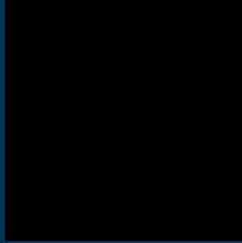
Any Text WCAG AA × Fail

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 003458 Background



This preview shows how black text looks on a background with the Hex color 003458.



This preview shows how white text looks on a background with the Hex color 003458.

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
003458

Protanopia
233155

Deuteranopia
133358



Tritanopia
00383C

Trichromacy



Original Color
003458

Protanomaly
163256

Deuteranomaly
0C3358

Tritanomaly
003746

Monochromacy



Original Color
003458

Achromatopsia
292929

Achromatomaly
1A2D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 003458 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 #003458 looks like.

```
.text, #text, p{  
    color:#003458  
}
```

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 #003458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003458
}
```

Border

The CSS property to change the border of an element to Hex 003458 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
#003458 }
```

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

```
.border{ border-color:#003458 }
```

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

Here you see how a box with a 4 pixel #003458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003458; -webkit-box-shadow:4px 4px  
4px 4px #003458; box-shadow:4px 4px 4px  
4px #003458 }
```

Background

The CSS property to change the background color of an element to Hex 003458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003458 }
```

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

```
.background{ background-color:#003458 }
```

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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