

Converting Colors

Hex(003356)

Have a look what the booklet for
Hex(003356) contains.

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Color

Hex(003356)

Conversions

Conversions Part 1

Format	Color
Hex	003356
RGB	0, 51, 86
RGB Percent	0%, 20%, 34%
CMY	1.0000, 0.8000, 0.6627
CMYK	1.00, 0.41, 0.00, 0.66
HSL	204°, 100%, 17%
HSV	204°, 100%, 34%
XYZ	2.8635, 3.0395, 9.2399
YIQ	39.7410, -41.6310, 0.0730

Conversions

Conversions Part 2

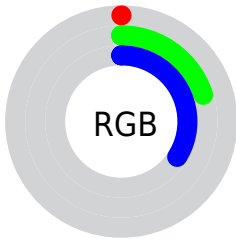
Format	Color
RYB	0, 32, 86
Decimal	13142
CIELab	20.20, -0.46, -25.47
CIELCh	20, 25.476, 268.966
Yxy	3.0395, 0.1891, 0.2007
Android (android.graphics.Color)	4278203222 (0xFF003356)
YUV	39.7410, 22.8057, -34.8529
Hunter-Lab	17.4343, -1.1917, -19.2187

Details

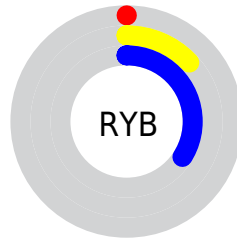
The Hex color **003356** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **562300**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3F6188**, and **000429** is the 20% darker color. If you saturate the color by 10%, you get **003356**, and if you desaturate by 10%, it is **093756**.

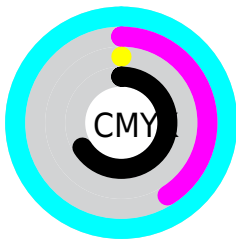
Distribution



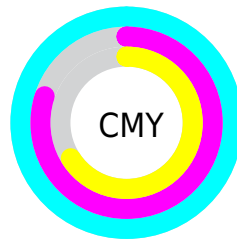
- Red (0%)
- Green (20%)
- Blue (34%)



- Red (0%)
- Yellow (13%)
- Blue (34%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003356 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 003356 by changing the saturation by 10% instead.

■ 003356

■ 003356

FFFFFF

■ 001E3F

■ 3F6188

■ 000429

■ 597AA2

■ 000113

■ 7393BE

■ 000000

■ 8EAED9

■ A9C9F6

■ C5E5FF

■ E2FFFF

■ 003356

■ 093756

■ 113A56

■ 1A3E56

■ 224156

■ 2B4556

■ 344856

■ 3C4C56

■ 454F56

■ 4D5356

Harmonies

Analogous

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



003850



003356



302C51

Triad

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



003356



522220



0F381D

Complementary

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



003356



562300

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.



29350E



003356



4A2911

Square

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



003356



522032



3C3008



003A2F

Rectangle

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



003356



412749



3C3008



193717

Sweetspot

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



003356



4F6370



005622



243038



B8B8B8



383838

Same Dimension

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



003356



004370



000956



272A2B



00406B



008BEB

Inverse Universe

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



560033



700043



564D00



2B272A



6B0040



EB008B

Previews

White Background



This preview shows how the Hex color 003356 looks on a white background.

Color Contrast Check

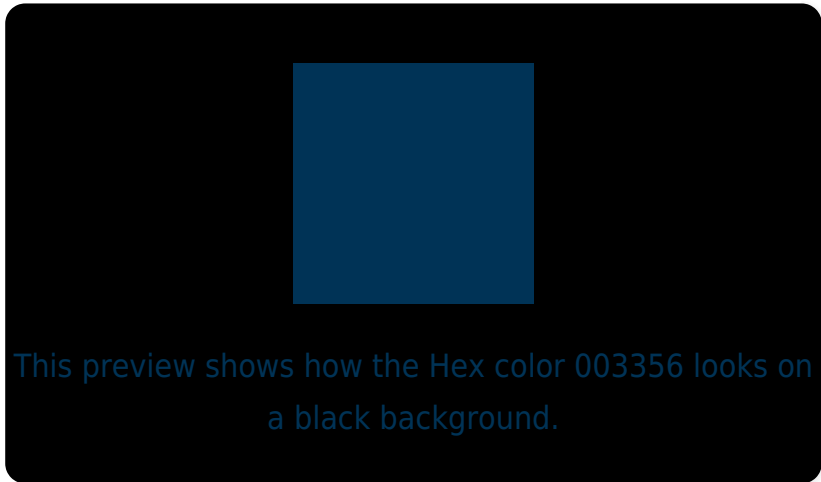
Large Text (above 18pt) WCAG AA ✓ Pass

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

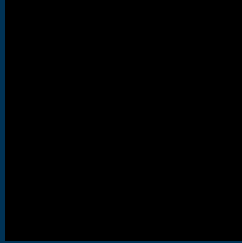
Any Text WCAG AA × Fail

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 003356 Background



This preview shows how black text looks on a background with the Hex color 003356.



This preview shows how white text looks on a background with the Hex color 003356.

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
003356

Protanopia
233053

Deuteranopia
133256



Tritanopia
00373B

Trichromacy



Original Color
003356

Protanomaly
163154

Deuteranomaly
0C3256

Tritanomaly
003645

Monochromacy



Original Color
003356

Achromatopsia
282828

Achromatomaly
192C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 003356 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 #003356 looks like.

```
.text, #text, p{  
    color:#003356  
}
```

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 #003356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003356
}
```

Border

The CSS property to change the border of an element to Hex 003356 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
#003356 }
```

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

```
.border{ border-color:#003356 }
```

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

Here you see how a box with a 4 pixel #003356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003356; -webkit-box-shadow:4px 4px  
4px 4px #003356; box-shadow:4px 4px 4px  
4px #003356 }
```

Background

The CSS property to change the background color of an element to Hex 003356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003356 }
```

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

```
.background{ background-color:#003356 }
```

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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