

Converting Colors

Hex(033F5D)

Have a look what the booklet for
Hex(033F5D) contains.

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Color

Hex(033F5D)

Conversions

Conversions Part 1

Format	Color
Hex	033F5D
RGB	3, 63, 93
RGB Percent	1%, 25%, 36%
CMY	0.9882, 0.7529, 0.6353
CMYK	0.97, 0.32, 0.00, 0.64
HSL	200°, 94%, 19%
HSV	200°, 97%, 36%
XYZ	3.7908, 4.3647, 10.9986
YIQ	48.4800, -45.3900, -3.3900

Conversions

Conversions Part 2

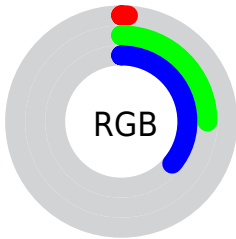
Format	Color
R_{YB}	3, 39, 93
Decimal	212829
CIE _{Lab}	24.84, -5.21, -22.73
CIE _{LCh}	25, 23.317, 257.084
Yxy	4.3647, 0.1979, 0.2279
Android (android.graphics.Color)	4278402909 (0xFF033F5D)
YUV	48.4800, 21.9484, -39.8860
Hunter-Lab	20.8918, -4.1717, -16.5892

Details

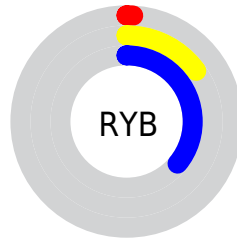
The Hex color **033F5D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D2103**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **436E90**, and **00152F** is the 20% darker color. If you saturate the color by 10%, you get **003E5D**, and if you desaturate by 10%, it is **0C425D**.

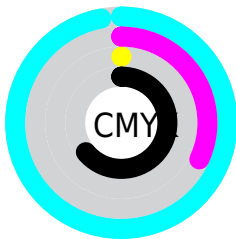
Distribution



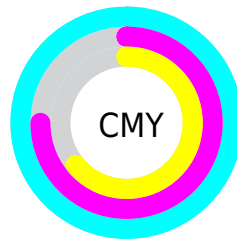
- Red (1%)
- Green (25%)
- Blue (36%)



- Red (1%)
- Yellow (15%)
- Blue (36%)



- Cyan (97%)
- Magenta (32%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033F5D 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 033F5D by changing the saturation by 10% instead.



033F5D



033F5D

FFFFFF



002945



436E90



00152F



5D88AA



00011A



78A2C5



000000



93BDE1



AFD9FE



CBF5FF



E8FFFF



033F5D



033F5D

■ 003E5D

■ 0C425D

■ 16455D

■ 1F485D

■ 284B5D

■ 324F5D

■ 3B525D

■ 44555D

■ 4D585D

■ 575B5D

Harmonies

Analogous

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



004354



033F5D



30395D

Triad

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



033F5D



5C2D32



284122

Complementary

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



033F5D



5D2103

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.



3C3D18



033F5D



583122

Square

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



033F5D



582D43



4C3718



0A4333

Rectangle

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



033F5D



423557



4C3718



2F401E

Sweetspot

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



033F5D



556C78



035D21



28363D



BDBDBD



3D3D3D

Same Dimension

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



033F5D



005078



03145D



292C2E



00496E



009EED

Inverse Universe

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



5D033F



780050



5D4E03



2E292C



6E0049



ED009E

Previews

White Background



This preview shows how the Hex color 033F5D 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

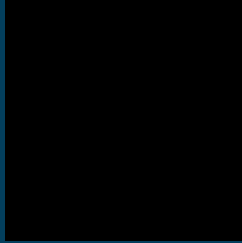
Any Text WCAG AA × Fail

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 033F5D Background



This preview shows how black text looks on a background with the Hex color 033F5D.

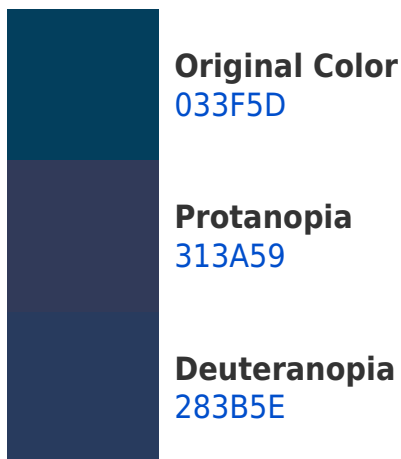


This preview shows how white text looks on a background with the Hex color 033F5D.

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



Trichromacy



Original Color
033F5D

Protanomaly
203C5A

Deuteranomaly
1B3C5E

Tritanomaly
01414F

Monochromacy



Original Color
033F5D

Achromatopsia
303030

Achromatomaly
203540

CSS Examples

Text

The CSS property to change the color of the text to Hex 033F5D 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 #033F5D looks like.

```
.text, #text, p{  
    color:#033F5D  
}
```

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 #033F5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033F5D
}
```

Border

The CSS property to change the border of an element to Hex 033F5D 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
#033F5D }
```

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

```
.border{ border-color:#033F5D }
```

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

Here you see how a box with a 4 pixel #033F5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033F5D; -webkit-box-shadow:4px 4px  
4px 4px #033F5D; box-shadow:4px 4px 4px  
4px #033F5D }
```

Background

The CSS property to change the background color of an element to Hex 033F5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033F5D }
```

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

```
.background{ background-color:#033F5D }
```

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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