

# Converting Colors

Hex(06135F)

Have a look what the booklet for  
Hex(06135F) contains.

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# Color

**Hex(06135F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	06135F
RGB	6, 19, 95
RGB Percent	2%, 7%, 37%
CMY	0.9765, 0.9255, 0.6275
CMYK	0.94, 0.80, 0.00, 0.63
HSL	231°, 88%, 20%
HSV	231°, 94%, 37%
XYZ	2.3735, 1.3307, 10.9582
YIQ	23.7770, -32.1440, 20.8800

# Conversions

## Conversions Part 2

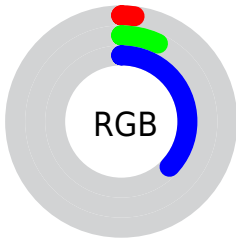
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 17, 95</a>
Decimal	<a href="#">398175</a>
CIELab	<a href="#">11.49, 27.66, -45.64</a>
CIELCh	<a href="#">11, 53.365, 301.222</a>
Yxy	<a href="#">1.3307, 0.1619, 0.0908</a>
Android (android.graphics.Color)	<a href="#">4278588255 (0xFF06135F)</a>
YUV	<a href="#">23.7770, 35.1129, -15.5904</a>
Hunter-Lab	<a href="#">11.5355, 16.5407, -48.2479</a>

# Details

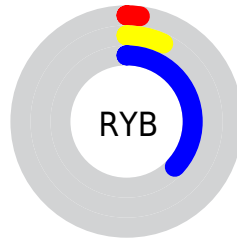
The Hex color **06135F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F5206**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **473E92**, and **00042F** is the 20% darker color. If you saturate the color by 10%, you get **000E5F**, and if you desaturate by 10%, it is **101B5F**.

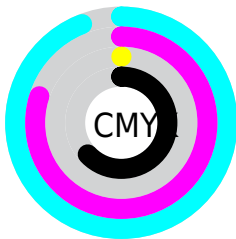
# Distribution



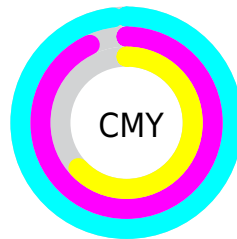
- Red (2%)
- Green (7%)
- Blue (37%)



- Red (2%)
- Yellow (7%)
- Blue (37%)



- Cyan (94%)
- Magenta (80%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (93%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06135F 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 06135F by changing the saturation by 10% instead.



06135F

06135F

FFF5FF

000047

473E92

00042F

6255AD

00011A

7D6EC9

000000

9987E6

B5A2FF

D1BDFF

EED8FF

06135F

06135F

■ 000E5F

■ 101B5F

■ 19235F

■ 232B5F

■ 2C335F

■ 363C5F

■ 3F445F

■ 494C5F

■ 52545F

■ 5C5C5F

# Harmonies

## Analogous

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



00256A



06135F



480043

# Triad

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



06135F



410900



002C1F

# Complementary

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



06135F



5F5206

# 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.



002B00



06135F



261E00

# Square

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



06135F



540000



002600



002D44

# Rectangle

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



06135F



55002B



002600



002C12



# Sweetspot

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



06135F



585D7A



065F52



282B3D



BDBDBD



3D3D3D



# Same Dimension

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



06135F



00127A



25065F



2C2C30



001070



0023F0



# Inverse Universe

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



5F0613



7A0012



405F06



302C2C



700010

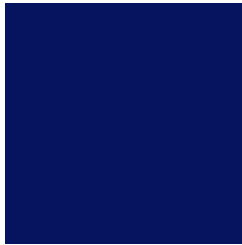


F00023



# Previews

## White Background



This preview shows how the Hex color 06135F looks on a white background.

## Color Contrast Check

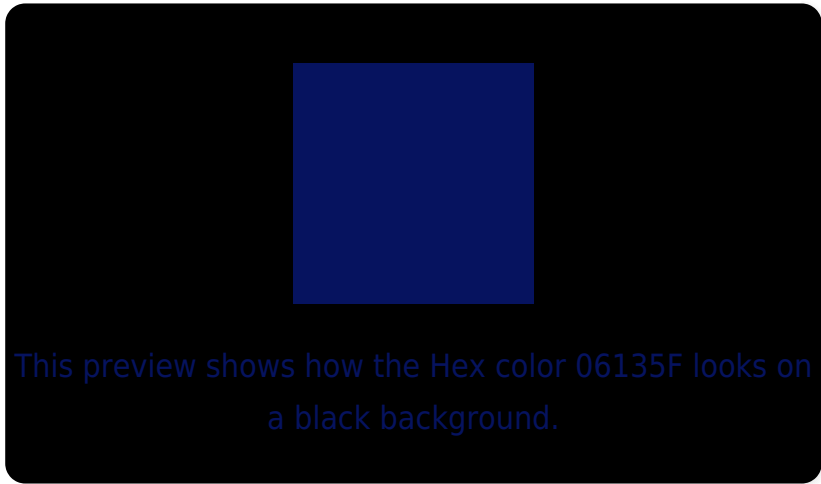
Large Text (above 18pt) WCAG AA ✓ Pass

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

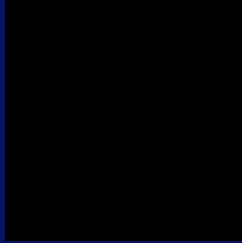
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 06135F Background



This preview shows how black text looks on a background with the Hex color 06135F.



This preview shows how white text looks on a background with the Hex color 06135F.

# 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**  
06135F

**Deuteranopia**  
002138

**Tritanopia**  
002426

# Trichromacy



**Original Color**  
06135F

**Deuteranomaly**  
021C46

**Tritanomaly**  
021E3B

# Monochromacy



**Original Color**  
06135F

**Achromatopsia**  
181818

**Achromatomaly**  
111632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06135F 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 #06135F looks like.

```
.text, #text, p{  
    color:#06135F  
}
```

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 #06135F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06135F
}
```

## Border

The CSS property to change the border of an element to Hex 06135F 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
#06135F }
```

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

```
.border{ border-color:#06135F }
```

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

Here you see how a box with a 4 pixel #06135F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06135F; -webkit-box-shadow:4px 4px  
4px 4px #06135F; box-shadow:4px 4px 4px  
4px #06135F }
```

# Background

The CSS property to change the background color of an element to Hex 06135F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06135F }
```

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

```
.background{ background-color:#06135F }
```

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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