

# Converting Colors

Hex(06315B)

Have a look what the booklet for  
Hex(06315B) contains.

<b>Hex(06315B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(06315B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06315B
RGB	6, 49, 91
RGB Percent	2%, 19%, 36%
CMY	0.9765, 0.8078, 0.6431
CMYK	0.93, 0.46, 0.00, 0.64
HSL	210°, 88%, 19%
HSV	210°, 93%, 36%
XYZ	3.0617, 2.9907, 10.3134
YIQ	40.9310, -39.1100, 3.9460

# Conversions

## Conversions Part 2

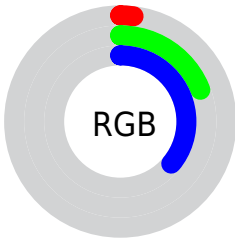
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 35, 91
Decimal	405851
CIELab	20.01, 3.89, -29.09
CIELCh	20, 29.347, 277.619
Yxy	2.9907, 0.1871, 0.1827
Android (android.graphics.Color)	4278595931 (0xFF06315B)
YUV	40.9310, 24.6840, -30.6345
Hunter-Lab	17.2936, 1.3388, -23.2535

# Details

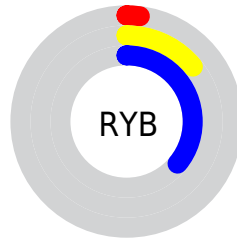
The Hex color **06315B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B3006**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **435F8E**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **002E5B**, and if you desaturate by 10%, it is **0F355B**.

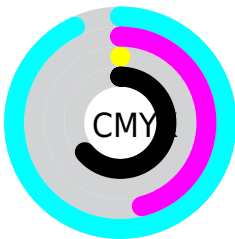
# Distribution



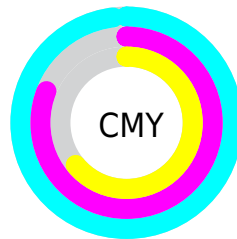
- Red (2%)
- Green (19%)
- Blue (36%)



- Red (2%)
- Yellow (14%)
- Blue (36%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (64%)



- Cyan (98%)
- Magenta (81%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06315B 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 06315B by changing the saturation by 10% instead.



06315B

06315B

FFFFFF

001C43

435F8E

00002D

5D77A8

000117

7891C3

000000

93ABE0

AEC7FC

CAE3FF

E7FFFF

06315B

06315B

■ 002E5B

■ 0F355B

■ 183A5B

■ 213E5B

■ 2A435B

■ 34475B

■ 3D4C5B

■ 46505B

■ 4F555B

■ 58595B

# Harmonies

## Analogous

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



003758



06315B



382853

# Triad

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



06315B



542017



00391F

# Complementary

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



06315B



5B3006

# 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.



1F360B



06315B



482904

# Square

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



06315B



571B2C



363100



003A35

# Rectangle

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



06315B



492248



363100



063918



# Sweetspot

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



06315B



546575



065B2F



27313B



BABABA



3B3B3B



# Same Dimension

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



06315B



003B75



06075B



292C2E



00376E



0078ED



# Inverse Universe

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



5B0631



75003B



5B5A06



2E292C



6E0037



ED0078



# Previews

## White Background



This preview shows how the Hex color 06315B looks on a white background.

## Color Contrast Check

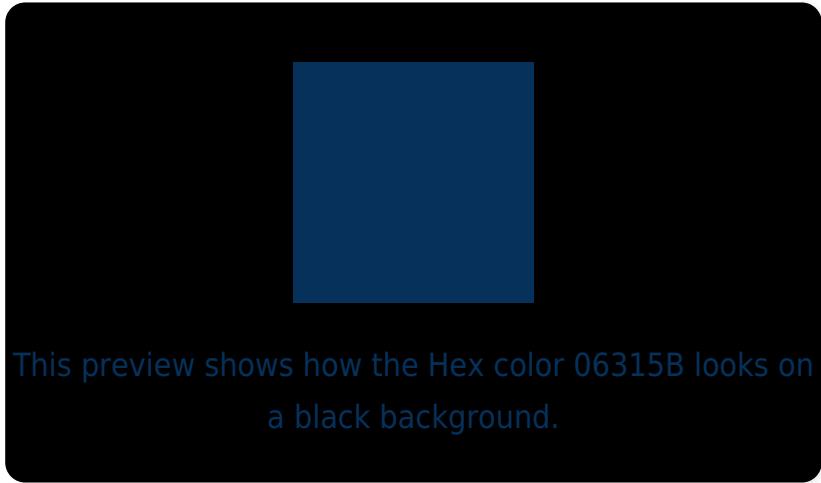
Large Text (above 18pt) WCAG AA ✓ Pass

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 06315B Background



This preview shows how black text looks on a background with the Hex color 06315B.



This preview shows how white text looks on a background with the Hex color 06315B.

# 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**  
06315B

**Protanopia**  
1C2F59

**Deuteranopia**  
003258



**Tritanopia**  
00363A

# Trichromacy



**Original Color**  
06315B

**Protanomaly**  
14305A

**Deuteranomaly**  
023259

**Tritanomaly**  
023446

# Monochromacy



**Original Color**  
06315B

**Achromatopsia**  
292929

**Achromatomaly**  
1C2C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06315B 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 #06315B looks like.

```
.text, #text, p{  
    color:#06315B  
}
```

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 #06315B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06315B
}
```

## Border

The CSS property to change the border of an element to Hex 06315B 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
#06315B }
```

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

```
.border{ border-color:#06315B }
```

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

Here you see how a box with a 4 pixel #06315B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06315B; -webkit-box-shadow:4px 4px  
4px 4px #06315B; box-shadow:4px 4px 4px  
4px #06315B }
```

# Background

The CSS property to change the background color of an element to Hex 06315B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06315B }
```

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

```
.background{ background-color:#06315B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor