

Converting Colors

Hex(063175)

Have a look what the booklet for
Hex(063175) contains.

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Color

Hex(063175)

Conversions

Conversions Part 1

Format	Color
Hex	063175
RGB	6, 49, 117
RGB Percent	2%, 19%, 46%
CMY	0.9765, 0.8078, 0.5412
CMYK	0.95, 0.58, 0.00, 0.54
HSL	217°, 90%, 24%
HSV	217°, 95%, 46%
XYZ	4.3843, 3.5197, 17.2779
YIQ	43.8950, -47.4560, 12.0320

Conversions

Conversions Part 2

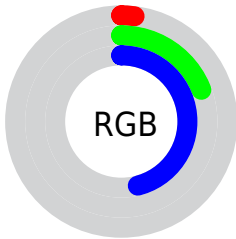
Format	Color
RYB	6, 37, 117
Decimal	405877
CIELab	22.02, 15.46, -42.73
CIELCh	22, 45.444, 289.887
Yxy	3.5197, 0.1741, 0.1398
Android (android.graphics.Color)	4278595957 (0xFF063175)
YUV	43.8950, 36.0408, -33.2339
Hunter-Lab	18.7609, 8.8829, -41.4708

Details

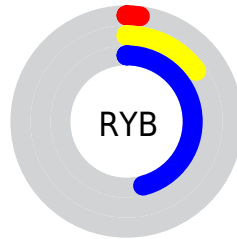
The Hex color **063175** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **754A06**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4C5EAA**, and **000244** is the 20% darker color. If you saturate the color by 10%, you get **002D75**, and if you desaturate by 10%, it is **123875**.

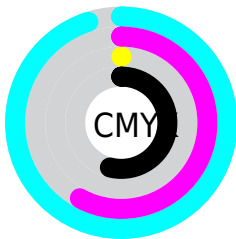
Distribution



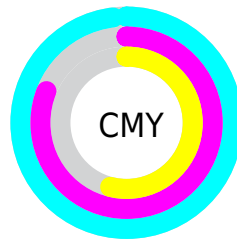
- Red (2%)
- Green (19%)
- Blue (46%)



- Red (2%)
- Yellow (15%)
- Blue (46%)



- Cyan (95%)
- Magenta (58%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 063175 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 063175 by changing the saturation by 10% instead.

■ 063175

■ 063175

FFFFFF

■ 001D5C

■ 4C5EAA

■ 000244

■ 6777C5

■ 00032D

■ 8391E2

■ 000117

■ 9FABFE

■ 000000

■ BBC6FF

■ D8E2FF

■ F5FFFF

■ 063175

■ 063175

■ 002D75

■ 123875

■ 1D3F75

■ 294775

■ 354E75

■ 415575

■ 4C5C75

■ 586375

■ 646A75

■ 6F7275

Harmonies

Analogous

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



003C78



063175



501E61

Triad

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



063175



621E00



004228

Complementary

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



063175



754A06

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.



003F00



063175



4B2F00

Square

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



063175



6E0620



2D3A00



00434B

Rectangle

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



063175



640D4D



2D3A00



00411C

Sweetspot

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



063175



6E7F99



067549



323D4D



CCCCCC



4D4D4D

Same Dimension

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



063175



003B99



110675



35373B



002F7A



0061FA

Inverse Universe

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



750631



99003B



6A7506



3B3537



7A002F



FA0061

Previews

White Background



This preview shows how the Hex color 063175 looks on a white background.

Color Contrast Check

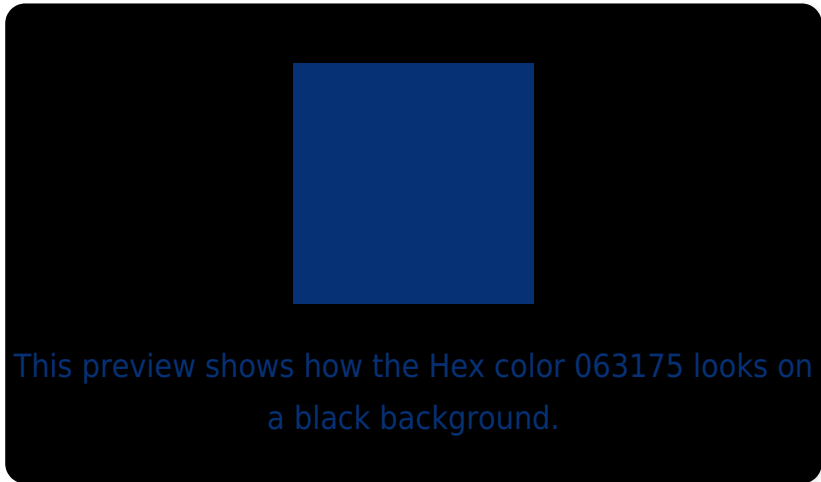
Large Text (above 18pt) WCAG AA ✓ Pass

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 063175 Background



This preview shows how black text looks on a background with the Hex color 063175.



This preview shows how white text looks on a background with the Hex color 063175.

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
063175

Protanopia
00336D

Deuteranopia
00375D



Tritanopia
003B3F

Trichromacy



Original Color
063175

Protanomaly
023270

Deuteranomaly
023566

Tritanomaly
023753

Monochromacy



Original Color
063175

Achromatopsia
2C2C2C

Achromatomaly
1E2E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 063175 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 #063175 looks like.

```
.text, #text, p{  
    color:#063175  
}
```

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 #063175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #063175
}
```

Border

The CSS property to change the border of an element to Hex 063175 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
#063175 }
```

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

```
.border{ border-color:#063175 }
```

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

Here you see how a box with a 4 pixel #063175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #063175; -webkit-box-shadow:4px 4px  
4px 4px #063175; box-shadow:4px 4px 4px  
4px #063175 }
```

Background

The CSS property to change the background color of an element to Hex 063175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#063175 }
```

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

```
.background{ background-color:#063175 }
```

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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