

Converting Colors

Hex(03157A)

Have a look what the booklet for
Hex(03157A) contains.

Hex(03157A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(03157A)

Conversions

Conversions Part 1

Format	Color
Hex	03157A
RGB	3, 21, 122
RGB Percent	1%, 8%, 48%
CMY	0.9882, 0.9176, 0.5216
CMYK	0.98, 0.83, 0.00, 0.52
HSL	231°, 95%, 25%
HSV	231°, 98%, 48%
XYZ	3.8186, 1.9608, 18.5896
YIQ	27.1320, -43.1490, 27.5950

Conversions

Conversions Part 2

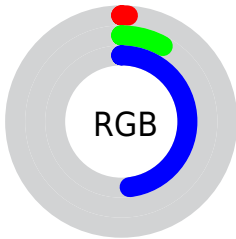
Format	Color
R_{YB}	3, 19, 122
Decimal	202106
CIE _{Lab}	15.28, 36.42, -57.02
CIE _{LCh}	15, 67.658, 302.566
Yxy	1.9608, 0.1567, 0.0805
Android (android.graphics.Color)	4278392186 (0xFF03157A)
YUV	27.1320, 46.7699, -21.1638
Hunter-Lab	14.0030, 24.1713, -68.9081

Details

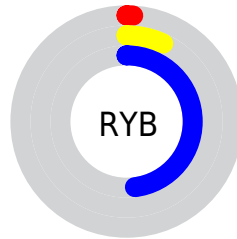
The Hex color **03157A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7A6803**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4F42B0**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **00127A**, and if you desaturate by 10%, it is **0F1F7A**.

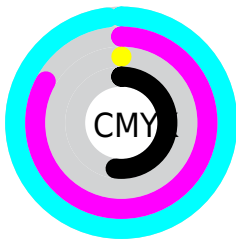
Distribution



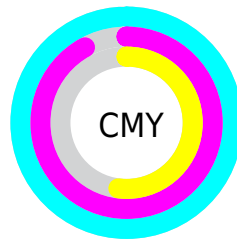
- Red (1%)
- Green (8%)
- Blue (48%)



- Red (1%)
- Yellow (7%)
- Blue (48%)



- Cyan (98%)
- Magenta (83%)
- Yellow (0%)
- Black (52%)



- Cyan (99%)
- Magenta (92%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03157A 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 03157A by changing the saturation by 10% instead.

■ 03157A

■ 03157A

■ FFFBFF

■ 000060

■ 4F42B0

■ 000048

■ 6C59CC

■ 000430

■ 8972E8

■ 00011B

■ A58CFF

■ 000000

■ C2A7FF

■ DFC2FF

■ FDDEFF

■ 03157A

■ 03157A

■ 00127A

■ 0F1F7A

■ 1B2A7A

■ 28347A

■ 343E7A

■ 40497A

■ 4C537A

■ 585D7A

■ 65687A

■ 71727A

Harmonies

Analogous

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



002E8A



03157A



5D0054

Triad

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



03157A



510A00



003729

Complementary

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



03157A



7A6803

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.



003500



03157A



2D2700

Square

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



03157A



6A0000



003000



00375A

Rectangle

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



03157A



6E0034



003000



003618

Sweetspot

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



03157A



70779E



037A66



33384F



CFCFCF



4F4F4F

Same Dimension

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



03157A



00189E



2B037A



37383D



00137D



0026FC

Inverse Universe

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



7A0315



9E0018



527A03



3D3738



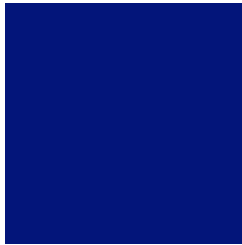
7D0013



FC0026

Previews

White Background



This preview shows how the Hex color 03157A looks on a white background.

Color Contrast Check

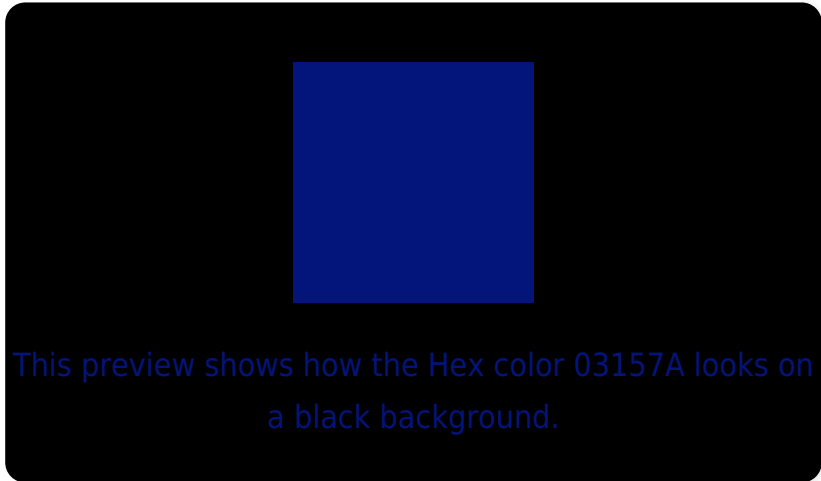
Large Text (above 18pt) WCAG AA ✓ Pass

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

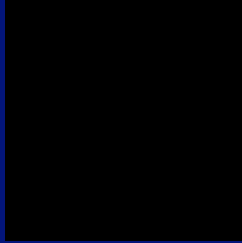
Any Text WCAG AA × Fail

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 03157A Background



This preview shows how black text looks on a background with the Hex color 03157A.



This preview shows how white text looks on a background with the Hex color 03157A.

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
03157A

Protanopia
002751

Deuteranopia
002945



Tritanopia
002D2F

Trichromacy



Original Color
03157A

Protanomaly
012060

Deuteranomaly
012258

Tritanomaly
01244A

Monochromacy



Original Color
03157A

Achromatopsia
1B1B1B

Achromatomaly
12193E

CSS Examples

Text

The CSS property to change the color of the text to Hex 03157A 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 #03157A looks like.

```
.text, #text, p{  
    color:#03157A  
}
```

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 #03157A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03157A
}
```

Border

The CSS property to change the border of an element to Hex 03157A 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
#03157A }
```

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

```
.border{ border-color:#03157A }
```

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

Here you see how a box with a 4 pixel #03157A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03157A; -webkit-box-shadow:4px 4px  
4px 4px #03157A; box-shadow:4px 4px 4px  
4px #03157A }
```

Background

The CSS property to change the background color of an element to Hex 03157A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03157A }
```

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

```
.background{ background-color:#03157A }
```

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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