

Converting Colors

Hex(06005A)

Have a look what the booklet for
Hex(06005A) contains.

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Color

Hex(06005A)

Conversions

Conversions Part 1

Format	Color
Hex	06005A
RGB	6, 0, 90
RGB Percent	2%, 0%, 35%
CMY	0.9765, 1.0000, 0.6471
CMYK	0.93, 1.00, 0.00, 0.65
HSL	244°, 100%, 18%
HSV	244°, 100%, 35%
XYZ	1.9206, 0.7769, 9.7216
YIQ	12.0540, -25.3140, 29.2620

Conversions

Conversions Part 2

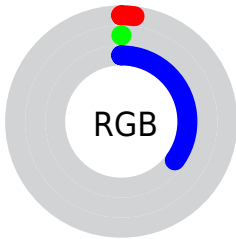
Format	Color
R_{YB}	6, 0, 90
Decimal	393306
CIE _{Lab}	7.02, 36.97, -49.70
CIE _{LCh}	7, 61.947, 306.643
Yxy	0.7769, 0.1546, 0.0626
Android (android.graphics.Color)	4278583386 (0xFF06005A)
YUV	12.0540, 38.4274, -5.3094
Hunter-Lab	8.8142, 23.4693, -59.2237

Details

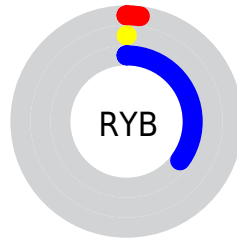
The Hex color **06005A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **545A00**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **472C8D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **06005A**, and if you desaturate by 10%, it is **0E095A**.

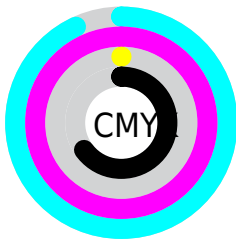
Distribution



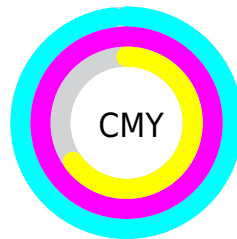
- Red (2%)
- Green (0%)
- Blue (35%)



- Red (2%)
- Yellow (0%)
- Blue (35%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06005A 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 06005A by changing the saturation by 10% instead.

 06005A

 06005A

 FFE2FF

 000042

 472C8D

 00032B

 6344A8

 000115

 7E5CC4

 000000

 9A75E0

 B68FFD

 D2AAFF

 F0C5FF

 06005A

■ 0E095A

■ 17125A

■ 1F1B5A

■ 28245A

■ 302D5A

■ 38365A

■ 413F5A

■ 49485A

■ 52515A

Harmonies

Analogous

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



001C6B



06005A



470037

Triad

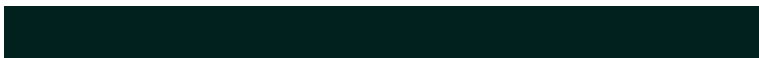
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



06005A



340200



00211E

Complementary

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



06005A



545A00

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.



002000



06005A



131800

Square

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



06005A



4B0000



002000



002347

Rectangle

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



06005A



53001C



002000



00200F

Sweetspot

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



06005A



545275



00545A



27263B



BABABA



3B3B3B

Same Dimension

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



06005A



080075



33005A



2A292E



07006E



1000ED

Inverse Universe

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



5A0054



75006D



275A00



2E292E



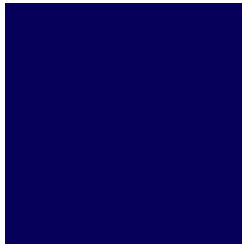
6E0066



ED00DD

Previews

White Background



This preview shows how the Hex color 06005A looks on a white background.

Color Contrast Check

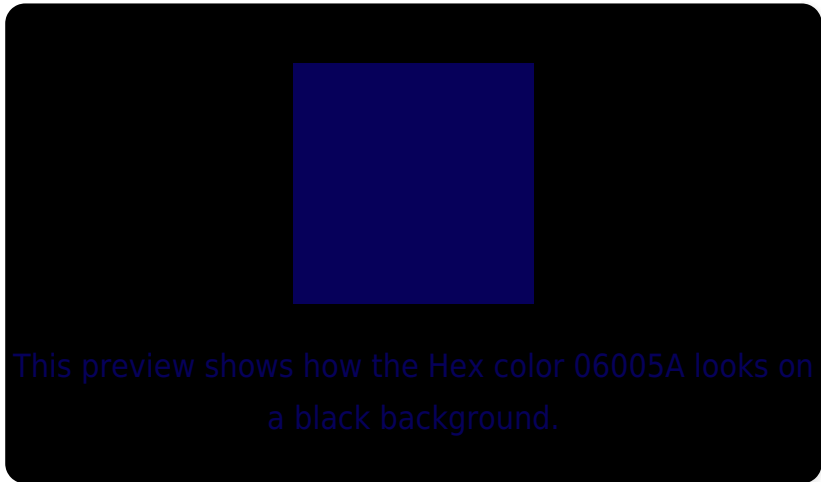
Large Text (above 18pt) WCAG AA ✓ Pass

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

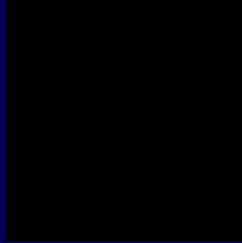
Any Text WCAG AA × Fail

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 06005A Background



This preview shows how black text looks on a background with the Hex color 06005A.



This preview shows how white text looks on a background with the Hex color 06005A.

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

06005A

Protanopia

001A37

Deuteranopia

001C2F

Trichromacy

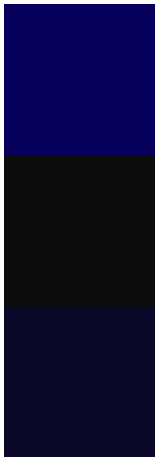


Original Color
06005A

Protanomaly
021144

Deuteranomaly
02123F

Monochromacy



Original Color
06005A

Achromatopsia
0C0C0C

Achromatomaly
0A0828

CSS Examples

Text

The CSS property to change the color of the text to Hex 06005A 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 #06005A looks like.

```
.text, #text, p{  
    color:#06005A  
}
```

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 #06005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06005A
}
```

Border

The CSS property to change the border of an element to Hex 06005A is called "border". The border property can be set on classes, ids or directly on the HTML element.

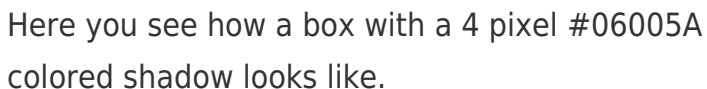
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#06005A }
```

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

```
.border{ border-color:#06005A }
```

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



Here you see how a box with a 4 pixel #06005A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06005A; -webkit-box-shadow:4px 4px  
4px 4px #06005A; box-shadow:4px 4px 4px  
4px #06005A }
```

Background

The CSS property to change the background color of an element to Hex 06005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06005A }
```

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

```
.background{ background-color:#06005A }
```

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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