

Converting Colors

Hex(5E0066)

Have a look what the booklet for
Hex(5E0066) contains.

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Color

Hex(5E0066)

Conversions

Conversions Part 1

Format	Color
Hex	5E0066
RGB	94, 0, 102
RGB Percent	37%, 0%, 40%
CMY	0.6314, 1.0000, 0.6000
CMYK	0.08, 1.00, 0.00, 0.60
HSL	295°, 100%, 20%
HSV	295°, 100%, 40%
XYZ	7.0144, 3.3390, 12.8452
YIQ	39.7340, 23.2820, 51.6500

Conversions

Conversions Part 2

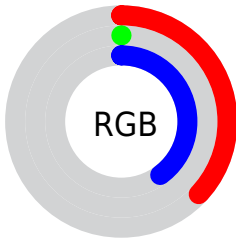
Format	Color
R_{YB}	94, 0, 102
Decimal	6160486
CIE _{Lab}	21.35, 48.72, -33.69
CIE _{LCh}	21, 59.233, 325.339
Yxy	3.3390, 0.3024, 0.1439
Android (android.graphics.Color)	4284350566 (0xFF5E0066)
YUV	39.7340, 30.6971, 47.5913
Hunter-Lab	18.2729, 36.5427, -28.8876

Details

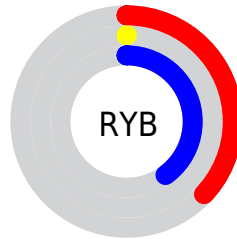
The Hex color **5E0066** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **086600**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **943F9A**, and **2D0036** is the 20% darker color. If you saturate the color by 10%, you get **5E0066**, and if you desaturate by 10%, it is **5F0A66**.

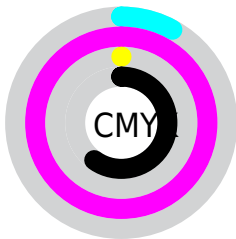
Distribution



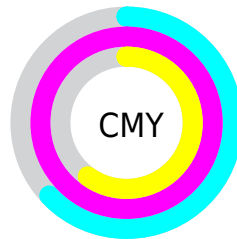
- Red (37%)
- Green (0%)
- Blue (40%)



- Red (37%)
- Yellow (0%)
- Blue (40%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (63%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E0066 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 5E0066 by changing the saturation by 10% instead.

 5E0066

 5E0066


FFFFFF

 44004E

 943F9A

 2D0036

 AF59B5

 080020

 CC73D0

 000004

 E98EED

 000000

 FFA9FF

 FFC5FF

 FFE2FF

 5E0066

 5F0A66

 601466

 601F66

 612966

 623366

 633D66

 644766

 645266

 655C66

Harmonies

Analogous

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



002B84



5E0066



78003C

Triad

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



5E0066



463000



004458

Complementary

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



5E0066



086600

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.



00432B



5E0066



1A3B00

Square

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



5E0066



651600



004100



00437C

Rectangle

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



5E0066



7B0020



004100



004449

Sweetspot

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



5E0066



815D85



000866



402A42



C2C2C2



424242

Same Dimension

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



5E0066



7A0085



66003B



332E33



6A0073



DF00F2

Inverse Universe

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



660008



85000A



00662B



332E2E



730009



F20013

Previews

White Background



This preview shows how the Hex color 5E0066 looks on a white background.

Color Contrast Check

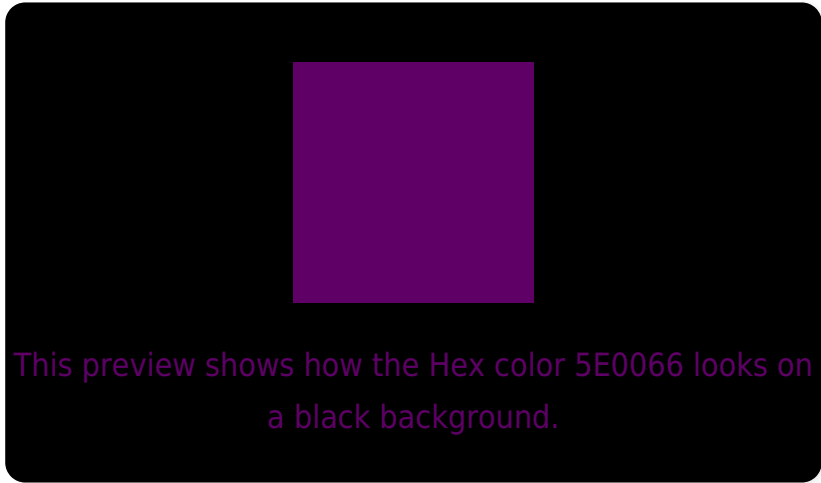
Large Text (above 18pt) WCAG AA ✓ Pass

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

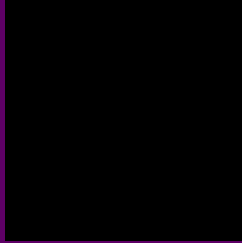
Any Text WCAG AA × Fail

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 5E0066 Background



This preview shows how black text looks on a background with the Hex color 5E0066.



This preview shows how white text looks on a background with the Hex color 5E0066.

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
5E0066

Protanopia
003570

Deuteranopia
163860



Tritanopia
57282B

Trichromacy



Original Color
5E0066

Protanomaly
22226C

Deuteranomaly
302462

Tritanomaly
5A1940

Monochromacy



Original Color
5E0066

Achromatopsia
282828

Achromatomaly
3C193F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E0066 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 #5E0066 looks like.

```
.text, #text, p{  
    color:#5E0066  
}
```

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 #5E0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0066
}
```

Border

The CSS property to change the border of an element to Hex 5E0066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

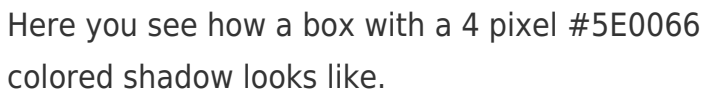
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E0066 }
```

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

```
.border{ border-color:#5E0066 }
```

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



Here you see how a box with a 4 pixel #5E0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0066; -webkit-box-shadow:4px 4px  
4px 4px #5E0066; box-shadow:4px 4px 4px  
4px #5E0066 }
```

Background

The CSS property to change the background color of an element to Hex 5E0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0066 }
```

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

```
.background{ background-color:#5E0066 }
```

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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