

Converting Colors

Hex(23005F)

Have a look what the booklet for
Hex(23005F) contains.

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Color

Hex(23005F)

Conversions

Conversions Part 1	
Format	Color
Hex	23005F
RGB	35, 0, 95
RGB Percent	14%, 0%, 37%
CMY	0.8627, 1.0000, 0.6275
CMYK	0.63, 1.00, 0.00, 0.63
HSL	262°, 100%, 19%
HSV	262°, 100%, 37%
XYZ	2.7587, 1.1835, 10.9095
YIQ	21.2950, -9.6350, 36.9650

Conversions

Conversions Part 2

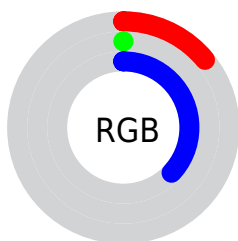
Format	Color
RYB	35, 0, 95
Decimal	2293855
CIELab	10.44, 39.71, -47.31
CIELCh	10, 61.772, 310.009
Yxy	1.1835, 0.1857, 0.0797
Android (android.graphics.Color)	4280483935 (0xFF23005F)
YUV	21.2950, 36.3366, 12.0193
Hunter-Lab	10.8791, 26.2252, -51.8404

Details

The Hex color **23005F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3C5F00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5A3193**, and **00042F** is the 20% darker color. If you saturate the color by 10%, you get **23005F**, and if you desaturate by 10%, it is **29095F**.

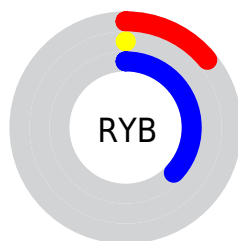
Distribution



Red (14%)

Green (0%)

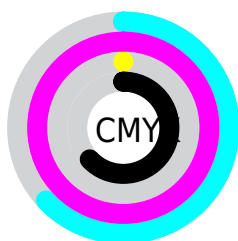
Blue (37%)



Red (14%)

Yellow (0%)

Blue (37%)

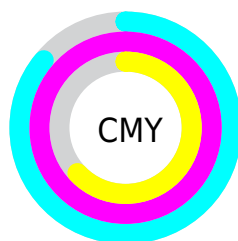


Cyan (63%)

Magenta (100%)

Yellow (0%)

Black (63%)



Cyan (86%)

Magenta (100%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23005F 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 23005F by changing the saturation by 10% instead.

 23005F

 23005F

 FFE9FF

 0A0047

 5A3193

 00042F

 7449AE

 00011A

 9062C9

 000000

 AC7BE6

 C895FF

 E5B1FF

 FFCCFF

 23005F

 29095F

 2F135F

 351D5F

 3B265F

 41305F

 47395F

 4D435F

 534C5F

 59565F

Harmonies

Analogous

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



002073



23005F



53003A

Triad

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



23005F



3A0D00



002A2A

Complementary

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



23005F



3C5F00

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.



002900



23005F



182000

Square

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



23005F



520000



002800



002C53

Rectangle

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



23005F



5D001F



002800



002A1B

Sweetspot

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



23005F



63567A



003C5F



2F273D



BDBDBD



3D3D3D

Same Dimension

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



23005F



2D007A



52005F



2D2C30



290070



5800F0

Inverse Universe

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



5F003C



7A004D



0D5F00



302C2F



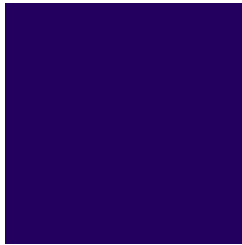
700047



F00097

Previews

White Background



This preview shows how the Hex color 23005F looks on a white background.

Color Contrast Check

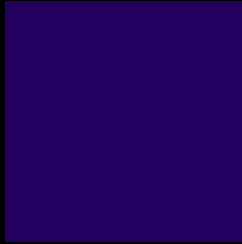
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 23005F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

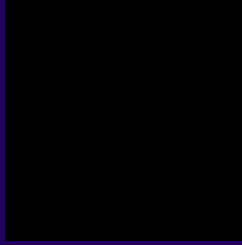
Any Text WCAG AA × Fail

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 23005F Background



This preview shows how black text looks on a background with the Hex color 23005F.



This preview shows how white text looks on a background with the Hex color 23005F.

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

23005F

Protanopia

002043

Deuteranopia

002239



Trichromacy



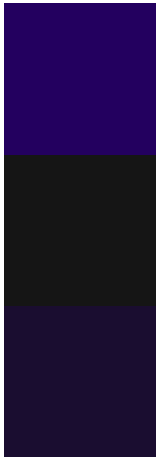
Original Color
23005F

Protanomaly
0D144D

Deuteranomaly
0D1647

Tritanomaly
0D173B

Monochromacy



Original Color
23005F

Achromatopsia
151515

Achromatomaly
1A0D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 23005F 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 #23005F looks like.

```
.text, #text, p{  
    color:#23005F  
}
```

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 #23005F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23005F
}
```

Border

The CSS property to change the border of an element to Hex 23005F 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
#23005F }
```

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

```
.border{ border-color:#23005F }
```

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

Here you see how a box with a 4 pixel #23005F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23005F; -webkit-box-shadow:4px 4px  
4px 4px #23005F; box-shadow:4px 4px 4px  
4px #23005F }
```

Background

The CSS property to change the background color of an element to Hex 23005F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23005F }
```

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

```
.background{ background-color:#23005F }
```

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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