

Converting Colors

Hex(263593)

Have a look what the booklet for
Hex(263593) contains.

Hex(263593)	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(263593)

Conversions

Conversions Part 1

Format	Color
Hex	263593
RGB	38, 53, 147
RGB Percent	15%, 21%, 58%
CMY	0.8510, 0.7922, 0.4235
CMYK	0.74, 0.64, 0.00, 0.42
HSL	232°, 59%, 36%
HSV	232°, 74%, 58%
XYZ	7.3389, 5.0649, 28.1946
YIQ	59.2310, -39.1140, 26.0540

Conversions

Conversions Part 2

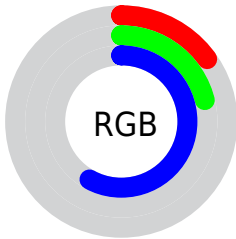
Format	Color
RYB	38, 51, 147
Decimal	2504083
CIELab	26.92, 27.92, -53.48
CIELCh	27, 60.328, 297.566
Yxy	5.0649, 0.1808, 0.1248
Android (android.graphics.Color)	4280694163 (0xFF263593)
YUV	59.2310, 43.2701, -18.6196
Hunter-Lab	22.5052, 18.8241, -58.5249

Details

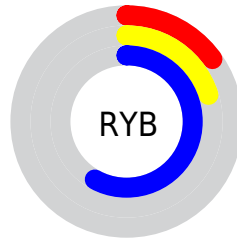
The Hex color **263593** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **938426**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6364CA**, and **000D5F** is the 20% darker color. If you saturate the color by 10%, you get **172893**, and if you desaturate by 10%, it is **354293**.

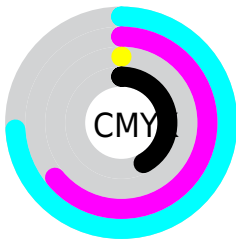
Distribution



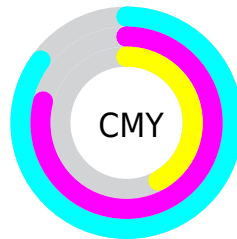
- Red (15%)
- Green (21%)
- Blue (58%)



- Red (15%)
- Yellow (20%)
- Blue (58%)



- Cyan (74%)
- Magenta (64%)
- Yellow (0%)
- Black (42%)



- Cyan (85%)
- Magenta (79%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 263593 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 263593 by changing the saturation by 10% instead.

■ 263593

■ 263593

FFFFFF

■ 002079

■ 6364CA

■ 000D5F

■ 807CE6

■ 000047

■ 9C96FF

■ 00042F

■ B9B1FF

■ 00011A

■ D6CDFF

■ 000000

■ F4E9FF

■ 263593

■ 263593

■ 172893

■ 354293

■ 091C93

■ 434E93

■ 001493

■ 525B93

■ 616893

■ 707493

■ 7E8193

■ 8D8E93

■ 9C9A93

■ AAA793

Harmonies

Analogous

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



00489E



263593



711072

Triad

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



263593



742600



00513A

Complementary

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



263593



938426

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.



004F04



263593



523D00

Square

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



263593



890019



244900



00526A

Rectangle

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



263593



850055



244900



00512A

Sweetspot

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



263593



959BBF



269383



484B61



E0E0E0



616161

Same Dimension

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



263593



152CBF



4C2693



43444A



00138A



00010A

Inverse Universe

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



932635



BF152C



6D9326



4A4344



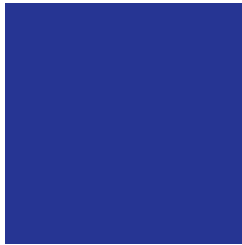
8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 263593 looks on a white background.

Color Contrast Check

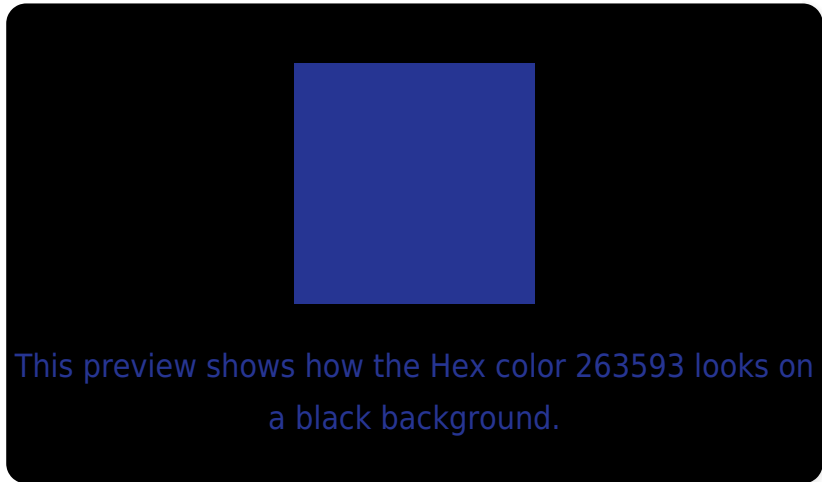
Large Text (above 18pt) WCAG AA ✓ Pass

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

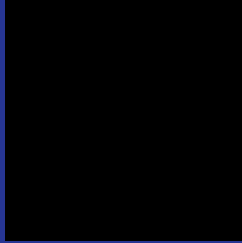
Any Text WCAG AA × Fail

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 263593 Background



This preview shows how black text looks on a background with the Hex color 263593.



This preview shows how white text looks on a background with the Hex color 263593.

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
263593

Protanopia
003D82

Deuteranopia
00416F



Tritanopia
00474B

Trichromacy



Original Color
263593

Protanomaly
0E3A88

Deuteranomaly
0E3D7C

Tritanomaly
0E4065

Monochromacy



Original Color
263593

Achromatopsia
3B3B3B

Achromatomaly
33395B

CSS Examples

Text

The CSS property to change the color of the text to Hex 263593 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 #263593 looks like.

```
.text, #text, p{  
    color:#263593  
}
```

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 #263593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263593
}
```

Border

The CSS property to change the border of an element to Hex 263593 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".

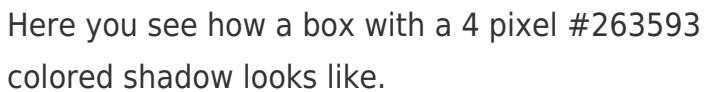
```
.border, #border, table{ border:4px solid
#263593 }
```

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

```
.border{ border-color:#263593 }
```

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

Here you see how a box with a 4 pixel #263593 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263593; -webkit-box-shadow:4px 4px  
4px 4px #263593; box-shadow:4px 4px 4px  
4px #263593 }
```

Background

The CSS property to change the background color of an element to Hex 263593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263593 }
```

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

```
.background{ background-color:#263593 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor