

Converting Colors

Hex(275D93)

Have a look what the booklet for
Hex(275D93) contains.

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Color

Hex(275D93)

Conversions

Conversions Part 1

Format	Color
Hex	275D93
RGB	39, 93, 147
RGB Percent	15%, 36%, 58%
CMY	0.8471, 0.6353, 0.4235
CMYK	0.73, 0.37, 0.00, 0.42
HSL	210°, 58%, 36%
HSV	210°, 73%, 58%
XYZ	10.0175, 10.3666, 29.0767
YIQ	83.0100, -49.5180, 5.3460

Conversions

Conversions Part 2

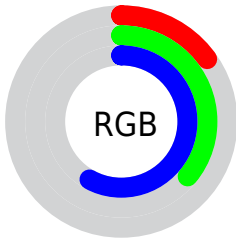
Format	Color
R_{YB}	39, 75, 147
Decimal	2579859
CIE _{Lab}	38.49, 1.30, -34.84
CIE _{LCh}	38, 34.864, 272.135
Yxy	10.3666, 0.2025, 0.2096
Android (android.graphics.Color)	4280769939 (0xFF275D93)
YUV	83.0100, 31.5471, -38.5968
Hunter-Lab	32.1972, -0.8085, -31.0057

Details

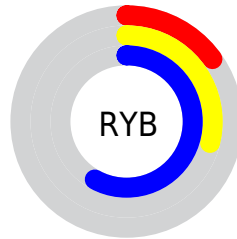
The Hex color **275D93** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **935D27**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **628FC9**, and **003060** is the 20% darker color. If you saturate the color by 10%, you get **185693**, and if you desaturate by 10%, it is **366493**.

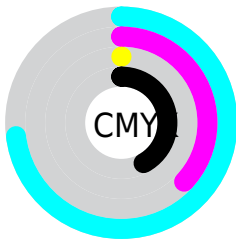
Distribution



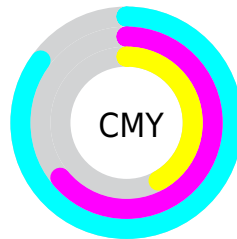
- Red (15%)
- Green (36%)
- Blue (58%)



- Red (15%)
- Yellow (29%)
- Blue (58%)



- Cyan (73%)
- Magenta (37%)
- Yellow (0%)
- Black (42%)



- Cyan (85%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275D93 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 275D93 by changing the saturation by 10% instead.

■ 275D93

■ 275D93

FFFFFF

■ 004679

■ 628FC9

■ 003060

■ 7EA9E6

■ 001B48

■ 9AC4FF

■ 000431

■ B7E0FF

■ 00011B

■ D4FDFF

■ 000000

■ F1FFFF

■ 275D93

■ 275D93

■ 185693

■ 366493

■ 0A4E93

■ 446C93

■ 004A93

■ 537393

■ 627A93

■ 718293

■ 7F8993

■ 8E9093

■ 9D9893

■ AB9F93

Harmonies

Analogous

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



00648C



275D93



5F528B

Triad

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



275D93



8D463E



25673F

Complementary

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



275D93



935D27

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.



4C6228



275D93



804F29

Square

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



275D93



8E425A



695A1F



00695C

Rectangle

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



275D93



764B7E



695A1F



346537

Sweetspot

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



275D93



95AABF



27935D



485461



E0E0E0



616161

Same Dimension

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



275D93



176BBF



272793



43464A



00458A



00050A

Inverse Universe

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



93275D



BF176B



939327



4A4346



8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 275D93 looks on a white background.

Color Contrast Check

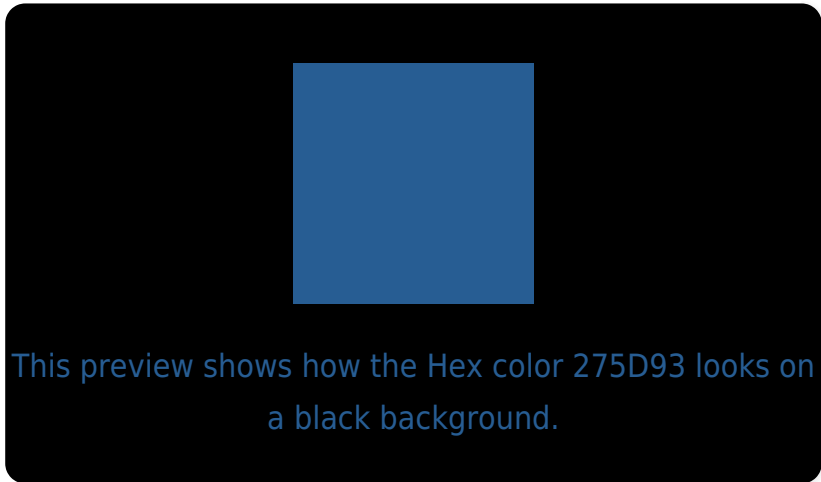
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

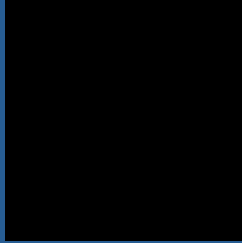
Any Text WCAG AA × Fail

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 275D93 Background



This preview shows how black text looks on a background with the Hex color 275D93.



This preview shows how white text looks on a background with the Hex color 275D93.

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](#).

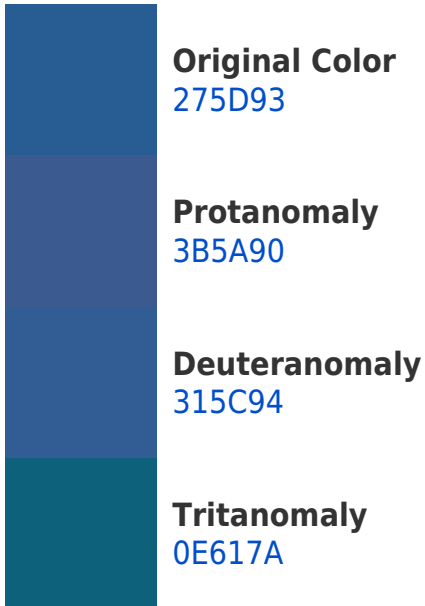
Dichromacy



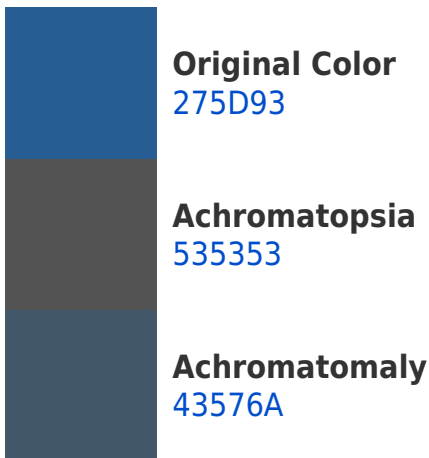


Tritanopia
00646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 275D93 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 #275D93 looks like.

```
.text, #text, p{  
    color:#275D93  
}
```

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 #275D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275D93
}
```

Border

The CSS property to change the border of an element to Hex 275D93 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
#275D93 }
```

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

```
.border{ border-color:#275D93 }
```

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

Here you see how a box with a 4 pixel #275D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275D93; -webkit-box-shadow:4px 4px  
4px 4px #275D93; box-shadow:4px 4px 4px  
4px #275D93 }
```

Background

The CSS property to change the background color of an element to Hex 275D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275D93 }
```

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

```
.background{ background-color:#275D93 }
```

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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