

Converting Colors

Hex(27357A)

Have a look what the booklet for
Hex(27357A) contains.

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Color

Hex(27357A)

Conversions

Conversions Part 1

Format	Color
Hex	27357A
RGB	39, 53, 122
RGB Percent	15%, 21%, 48%
CMY	0.8471, 0.7922, 0.5216
CMYK	0.68, 0.57, 0.00, 0.52
HSL	230°, 52%, 32%
HSV	230°, 68%, 48%
XYZ	5.6227, 4.3827, 18.9619
YIQ	56.6800, -30.4930, 18.4910

Conversions

Conversions Part 2

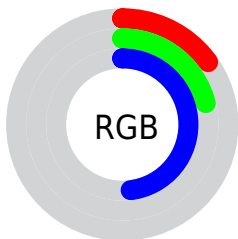
Format	Color
R_{YB}	39, 51, 122
Decimal	2569594
CIE _{Lab}	24.90, 18.54, -41.17
CIE _{LCh}	25, 45.153, 294.237
Yxy	4.3827, 0.1941, 0.1513
Android (android.graphics.Color)	4280759674 (0xFF27357A)
YUV	56.6800, 32.2028, -15.5054
Hunter-Lab	20.9349, 11.3053, -39.0481




Details

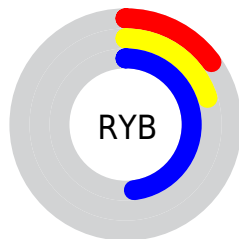
The Hex color **27357A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7A6C27**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **5E63AF**, and **000B48** is the 20% darker color. If you saturate the color by 10%, you get **1B2B7A**, and if you desaturate by 10%, it is **333F7A**.

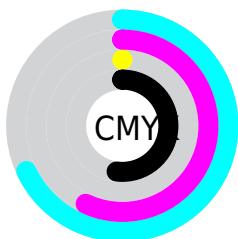
Distribution







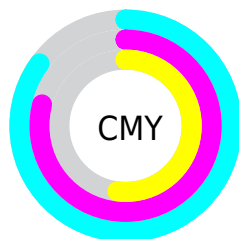
-  Red (15%)
-  Green (21%)
-  Blue (48%)






-  Red (15%)
-  Yellow (20%)
-  Blue (48%)



-  Cyan (68%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (85%)
-  Magenta (79%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27357A 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 27357A by changing the saturation by 10% instead.

■ 27357A

■ 27357A

FFFFFF

■ 002061

■ 5E63AF

■ 000B48

■ 797CCB

■ 000431

■ 9596E7

■ 00011B

■ B1B1FF

■ 000000

■ CDCCFF

■ EAE8FF

■ 27357A

■ 27357A

■ 1B2B7A

■ 333F7A

■ 0F217A

■ 3F497A

■ 02177A

■ 4C537A

■ 00157A

■ 585E7A

■ 64687A

■ 70727A

■ 7C7C7A

■ 89867A

■ 95907A

Harmonies

Analogous

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



004180



27357A



5D2263

Triad

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



27357A



672800



004933

Complementary

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



27357A



7A6C27

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.



00470E



27357A



4F3700

Square

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



27357A



751422



2F4100



004A56

Rectangle

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



27357A



6E144E



2F4100



004927

Sweetspot

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



27357A



7E849E



277A6B



3C3F4F



CFCFCF



4F4F4F

Same Dimension

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



27357A



1C329E



41277A



37383D



00157D



002BFC

Inverse Universe

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



7A2735



9E1C32



607A27



3D3738



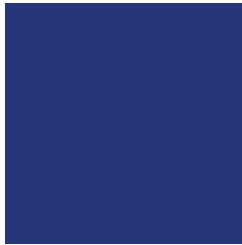
7D0015



FC002B

Previews

White Background



This preview shows how the Hex color 27357A looks on a white background.

Color Contrast Check

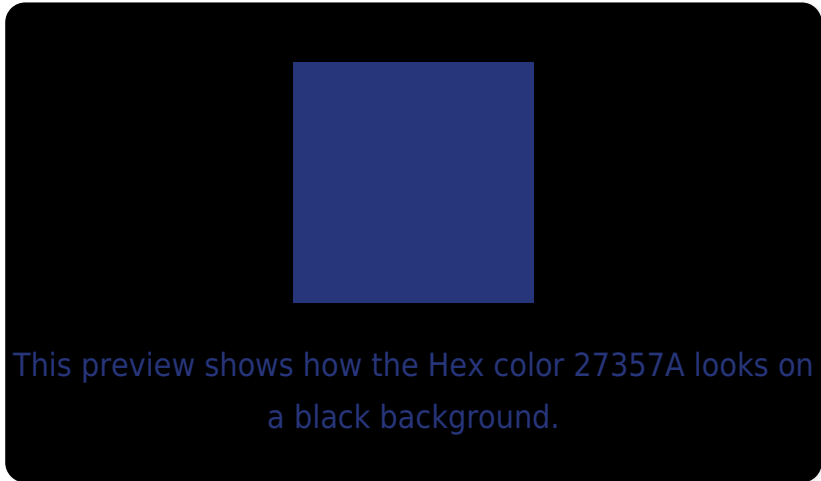
Large Text (above 18pt) WCAG AA ✓ Pass

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 27357A Background



This preview shows how black text looks on a background with the Hex color 27357A.



This preview shows how white text looks on a background with the Hex color 27357A.

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
27357A

Protanopia
003979

Deuteranopia
003D69

Trichromacy



Original Color
27357A

Protanomaly
0E3879

Deuteranomaly
0E3A6F

Tritanomaly
0E3D5A

Monochromacy



Original Color
27357A

Achromatopsia
393939

Achromatomaly
323851

CSS Examples

Text

The CSS property to change the color of the text to Hex 27357A 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 #27357A looks like.

```
.text, #text, p{  
    color:#27357A  
}
```

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 #27357A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27357A
}
```

Border

The CSS property to change the border of an element to Hex 27357A 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
#27357A }
```

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

```
.border{ border-color:#27357A }
```

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

Here you see how a box with a 4 pixel #27357A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27357A; -webkit-box-shadow:4px 4px  
4px 4px #27357A; box-shadow:4px 4px 4px  
4px #27357A }
```

Background

The CSS property to change the background color of an element to Hex 27357A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27357A }
```

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

```
.background{ background-color:#27357A }
```

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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