

Converting Colors

Hex(27346A)

Have a look what the booklet for
Hex(27346A) contains.

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Color

Hex(27346A)

Conversions

Conversions Part 1

Format	Color
Hex	27346A
RGB	39, 52, 106
RGB Percent	15%, 20%, 42%
CMY	0.8471, 0.7961, 0.5843
CMYK	0.63, 0.51, 0.00, 0.58
HSL	228°, 46%, 28%
HSV	228°, 63%, 42%
XYZ	4.6662, 3.9279, 14.1479
YIQ	54.2690, -25.0820, 14.0380

Conversions

Conversions Part 2

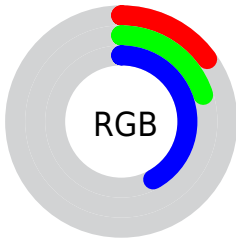
Format	Color
R_{YB}	39, 50, 106
Decimal	2569322
CIE _{Lab}	23.43, 13.12, -33.31
CIE _{LCh}	23, 35.803, 291.492
Yxy	3.9279, 0.2052, 0.1727
Android (android.graphics.Color)	4280759402 (0xFF27346A)
YUV	54.2690, 25.5034, -13.3909
Hunter-Lab	19.8190, 7.3430, -28.4512

Details

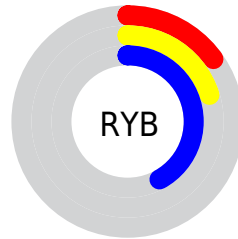
The Hex color **27346A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A5D27**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5B629E**, and **00073A** is the 20% darker color. If you saturate the color by 10%, you get **1C2B6A**, and if you desaturate by 10%, it is **323D6A**.

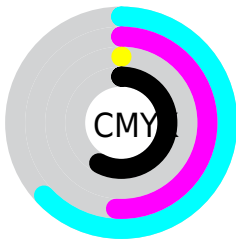
Distribution



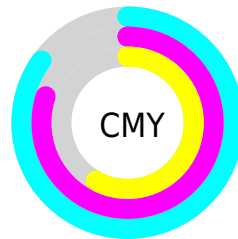
- Red (15%)
- Green (20%)
- Blue (42%)



- Red (15%)
- Yellow (20%)
- Blue (42%)



- Cyan (63%)
- Magenta (51%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27346A 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 27346A by changing the saturation by 10% instead.

■ 27346A

■ 27346A

FFFFFF

■ 071F51

■ 5B629E

■ 00073A

■ 757BB9

■ 000224

■ 9095D5

■ 00000B

■ AB AFF1

■ 000000

■ C7CBFF

■ E4E7FF

■ 27346A

■ 27346A

■ 1C2B6A

■ 323D6A

■ 12236A

■ 3C456A

■ 071A6A

■ 474E6A

■ 00156A

■ 51566A

■ 5C5F6A

■ 67676A

■ 71706A

■ 7C786A

■ 86816A

Harmonies

Analogous

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



003D6D



27346A



50275A

Triad

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



27346A



5D280D



00442F

Complementary

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



27346A



6A5D27

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.



0C4114



27346A



4B3400

Square

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



27346A



671E26



323C00



00444B

Rectangle

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



27346A



5F1F49



323C00



004326

Sweetspot

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



27346A



70758A



276A5D



353845



C4C4C4



454545

Same Dimension

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



27346A



21358A



3B276A



303136



001775



002FF5

Inverse Universe

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



6A2734



8A2135



566A27



363031



750017



F5002F

Previews

White Background



This preview shows how the Hex color 27346A looks on a white background.

Color Contrast Check

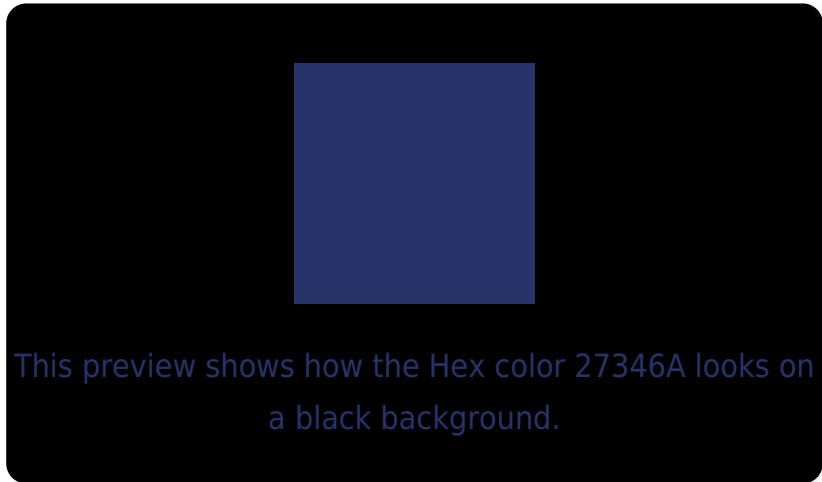
Large Text (above 18pt) WCAG AA ✓ Pass

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

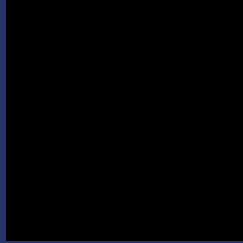
Any Text WCAG AA × Fail

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 27346A Background



This preview shows how black text looks on a background with the Hex color 27346A.



This preview shows how white text looks on a background with the Hex color 27346A.

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](#).

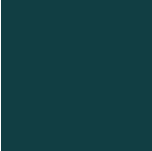
Dichromacy



Original Color
27346A

Protanopia
18366C

Deuteranopia
003964



Tritanopia
113E43

Trichromacy



Original Color
27346A

Protanomaly
1D356B

Deuteranomaly
0E3766

Tritanomaly
193A51

Monochromacy



Original Color
27346A

Achromatopsia
363636

Achromatomaly
313549

CSS Examples

Text

The CSS property to change the color of the text to Hex 27346A 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 #27346A looks like.

```
.text, #text, p{  
    color:#27346A  
}
```

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 #27346A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27346A
}
```

Border

The CSS property to change the border of an element to Hex 27346A 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
#27346A }
```

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

```
.border{ border-color:#27346A }
```

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

Here you see how a box with a 4 pixel #27346A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27346A; -webkit-box-shadow:4px 4px  
4px 4px #27346A; box-shadow:4px 4px 4px  
4px #27346A }
```

Background

The CSS property to change the background color of an element to Hex 27346A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27346A }
```

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

```
.background{ background-color:#27346A }
```

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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