

Converting Colors

Hex(28146F)

Have a look what the booklet for
Hex(28146F) contains.

Hex(28146F)	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(28146F)

Conversions

Conversions Part 1

Format	Color
Hex	28146F
RGB	40, 20, 111
RGB Percent	16%, 8%, 44%
CMY	0.8431, 0.9216, 0.5647
CMYK	0.64, 0.82, 0.00, 0.56
HSL	253°, 69%, 26%
HSV	253°, 82%, 44%
XYZ	3.9945, 2.0991, 15.2336
YIQ	36.3540, -17.2910, 32.5410

Conversions

Conversions Part 2

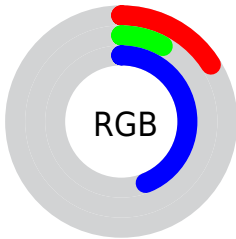
Format	Color
R_{YB}	40, 20, 111
Decimal	2626671
CIE _{Lab}	16.00, 35.91, -48.66
CIE _{LCh}	16, 60.473, 306.429
Yxy	2.0991, 0.1873, 0.0984
Android (android.graphics.Color)	4280816751 (0xFF28146F)
YUV	36.3540, 36.8005, 3.1975
Hunter-Lab	14.4884, 23.8582, -52.1977

Details

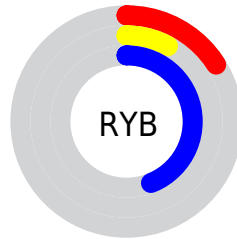
The Hex color **28146F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5B6F14**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5F42A4**, and **00003E** is the 20% darker color. If you saturate the color by 10%, you get **1F096F**, and if you desaturate by 10%, it is **311F6F**.

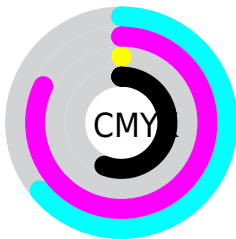
Distribution



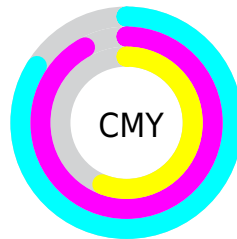
- Red (16%)
- Green (8%)
- Blue (44%)



- Red (16%)
- Yellow (8%)
- Blue (44%)



- Cyan (64%)
- Magenta (82%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (92%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28146F 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 28146F by changing the saturation by 10% instead.

 28146F

 28146F

 FFFCFF

 030056

 5F42A4

 00003E

 7B5ABF

 000327

 9673DB

 000110

 B28DF8

 000000

 CFA8FF

 ECC3FF

 FFDFFF

 28146F

 28146F

■ 1F096F

■ 311F6F

■ 18006F

■ 392A6F

■ 42356F

■ 4B406F

■ 534C6F

■ 5C576F

■ 65626F

■ 6D6D6F

■ 76786F

Harmonies

Analogous

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



002C80



28146F



5E004B

Triad

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



28146F



4C1600



003730

Complementary

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



28146F



5B6F14

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.



003600



28146F



2A2A00

Square

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



28146F



640000



003200



00375B

Rectangle

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



28146F



6B002F



003200



003721

Sweetspot

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



28146F



756D91



145B6F



39344A



C9C9C9



4A4A4A

Same Dimension

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



28146F



220391



55146F



343238



1A0078



3600F7

Inverse Universe

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



6F145B



910372



2E6F14



383237



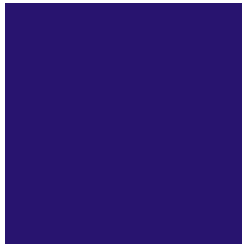
78005E



F700C1

Previews

White Background



This preview shows how the Hex color 28146F looks on a white background.

Color Contrast Check

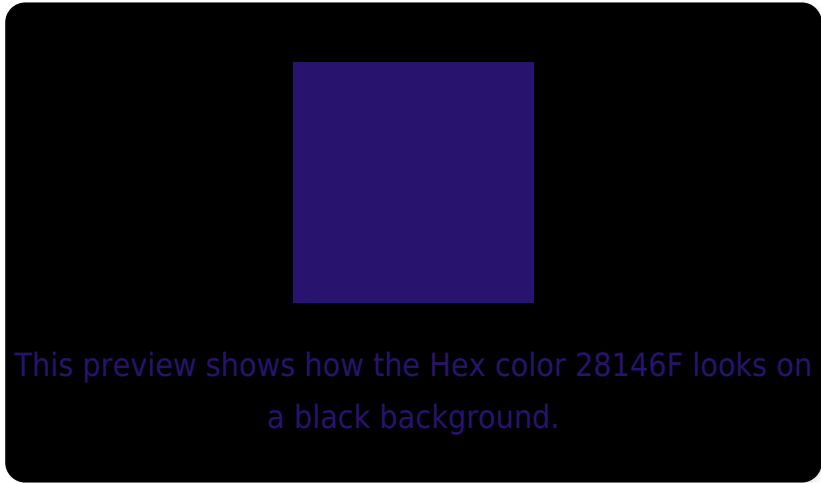
Large Text (above 18pt) WCAG AA ✓ Pass

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

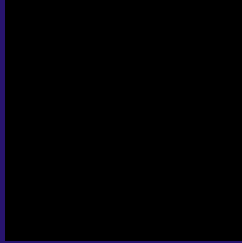
Any Text WCAG AA × Fail

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 28146F Background



This preview shows how black text looks on a background with the Hex color 28146F.



This preview shows how white text looks on a background with the Hex color 28146F.

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
28146F

Protanopia
002853

Deuteranopia
002A47

Trichromacy



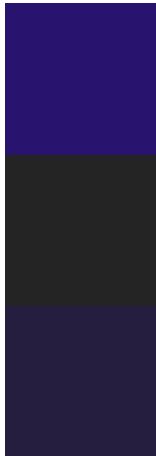
Original Color
28146F

Protanomaly
0F215D

Deuteranomaly
0F2256

Tritanomaly
0F2548

Monochromacy



Original Color
28146F

Achromatopsia
242424

Achromatomaly
251E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28146F 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 #28146F looks like.

```
.text, #text, p{  
    color:#28146F  
}
```

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 #28146F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28146F
}
```

Border

The CSS property to change the border of an element to Hex 28146F is called "border". The border property can be set on classes, ids or directly on the HTML element.

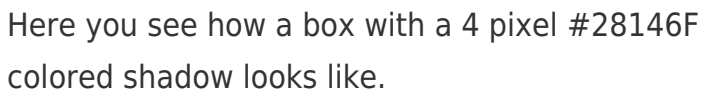
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28146F }
```

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

```
.border{ border-color:#28146F }
```

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



Here you see how a box with a 4 pixel #28146F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28146F; -webkit-box-shadow:4px 4px  
4px 4px #28146F; box-shadow:4px 4px 4px  
4px #28146F }
```

Background

The CSS property to change the background color of an element to Hex 28146F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28146F }
```

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

```
.background{ background-color:#28146F }
```

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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