

Converting Colors

Hex(283F78)

Have a look what the booklet for
Hex(283F78) contains.

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Color

Hex(283F78)

Conversions

Conversions Part 1

Format	Color
Hex	283F78
RGB	40, 63, 120
RGB Percent	16%, 25%, 47%
CMY	0.8431, 0.7529, 0.5294
CMYK	0.67, 0.47, 0.00, 0.53
HSL	223°, 50%, 31%
HSV	223°, 67%, 47%
XYZ	6.0427, 5.3622, 18.4858
YIQ	62.6210, -32.0050, 12.8510

Conversions

Conversions Part 2

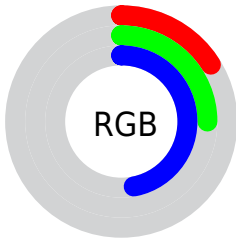
Format	Color
R_{YB}	40, 58, 120
Decimal	2637688
CIE _{Lab}	27.74, 11.01, -35.33
CIE _{LCh}	28, 37.003, 287.313
Yxy	5.3622, 0.2022, 0.1794
Android (android.graphics.Color)	4280827768 (0xFF283F78)
YUV	62.6210, 28.2878, -19.8386
Hunter-Lab	23.1564, 6.0564, -31.1219




Details

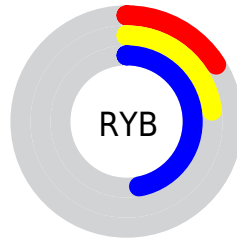
The Hex color **283F78** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **786128**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **5E6EAD**, and **001647** is the 20% darker color. If you saturate the color by 10%, you get **1C3678**, and if you desaturate by 10%, it is **344878**.

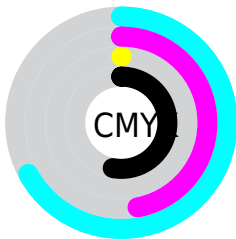
Distribution







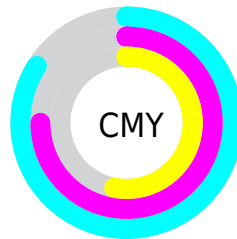
-  Red (16%)
-  Green (25%)
-  Blue (47%)






-  Red (16%)
-  Yellow (23%)
-  Blue (47%)



-  Cyan (67%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (84%)
-  Magenta (75%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283F78 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 283F78 by changing the saturation by 10% instead.

■ 283F78

■ 283F78

FFFFFF

■ 03295F

■ 5E6EAD

■ 001647

■ 7987C8

■ 000330

■ 94A2E5

■ 00011A

■ B0BDFE

■ 000000

■ CCD8FF

■ E9F5FF

■ 283F78

■ 283F78

■ 1C3678

■ 344878

■ 102E78

■ 405078

■ 042578

■ 4C5978

■ 002278

■ 586178

■ 646A78

■ 707278

■ 7C7B78

■ 888378

■ 948C78

Harmonies

Analogous

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



004879



283F78



573268

Triad

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



283F78



6C3018



004E34

Complementary

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



283F78



786128

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.



1D4B18



283F78



593C03

Square

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



283F78



742632



404502



004F52

Rectangle

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



283F78



692A58



404502



004D2A

Sweetspot

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



283F78



7C859C



287860



3C424F



CFCFCF



4F4F4F

Same Dimension

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



283F78



1F439C



382878



37393D



00247D



0049FC

Inverse Universe

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



78283F



9C1F43



687828



3D3739



7D0024



FC0049

Previews

White Background



This preview shows how the Hex color 283F78 looks on a white background.

Color Contrast Check

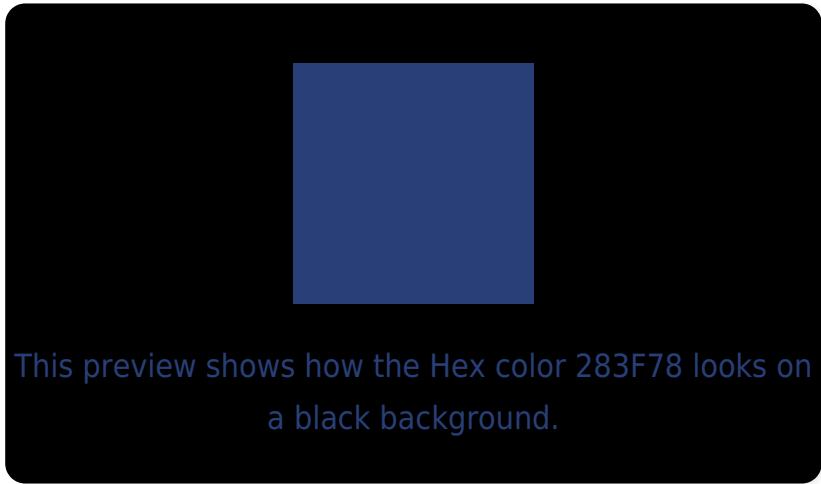
Large Text (above 18pt) WCAG AA ✓ Pass

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

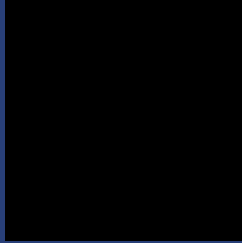
Any Text WCAG AA × Fail

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 283F78 Background



This preview shows how black text looks on a background with the Hex color 283F78.



This preview shows how white text looks on a background with the Hex color 283F78.

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
283F78

Protanopia
244079

Deuteranopia
004376



Tritanopia
05494F

Trichromacy



Original Color
283F78

Protanomaly
254079

Deuteranomaly
0F4277

Tritanomaly
12455E

Monochromacy



Original Color
283F78

Achromatopsia
3F3F3F

Achromatomaly
373F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 283F78 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 #283F78 looks like.

```
.text, #text, p{  
    color:#283F78  
}
```

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 #283F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283F78
}
```

Border

The CSS property to change the border of an element to Hex 283F78 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
#283F78 }
```

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

```
.border{ border-color:#283F78 }
```

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

Here you see how a box with a 4 pixel #283F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283F78; -webkit-box-shadow:4px 4px  
4px 4px #283F78; box-shadow:4px 4px 4px  
4px #283F78 }
```

Background

The CSS property to change the background color of an element to Hex 283F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283F78 }
```

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

```
.background{ background-color:#283F78 }
```

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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