

Converting Colors

Hex(012F78)

Have a look what the booklet for
Hex(012F78) contains.

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Color

Hex(012F78)

Conversions

Conversions Part 1

Format	Color
Hex	012F78
RGB	1, 47, 120
RGB Percent	0%, 18%, 47%
CMY	0.9961, 0.8157, 0.5294
CMYK	0.99, 0.61, 0.00, 0.53
HSL	217°, 98%, 24%
HSV	217°, 99%, 47%
XYZ	4.4192, 3.3955, 18.1918
YIQ	41.5680, -50.8490, 12.9510

Conversions

Conversions Part 2

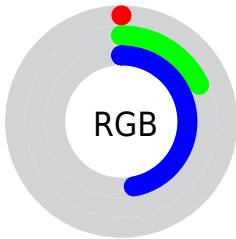
Format	Color
R_{YB}	1, 34, 120
Decimal	77688
CIE _{Lab}	21.56, 17.88, -45.39
CIE _{LCh}	22, 48.786, 291.503
Yxy	3.3955, 0.1699, 0.1306
Android (android.graphics.Color)	4278267768 (0xFF012F78)
YUV	41.5680, 38.6670, -35.5781
Hunter-Lab	18.4270, 10.5609, -45.6342

Details

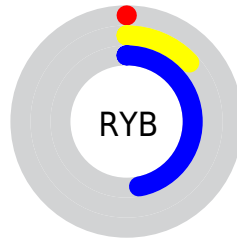
The Hex color **012F78** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **784A01**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4B5CAD**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **002E78**, and if you desaturate by 10%, it is **0D3678**.

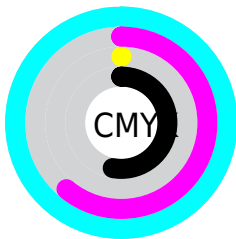
Distribution



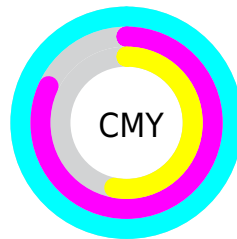
- Red (0%)
- Green (18%)
- Blue (47%)



- Red (0%)
- Yellow (13%)
- Blue (47%)



- Cyan (99%)
- Magenta (61%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (82%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012F78 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 012F78 by changing the saturation by 10% instead.



012F78



012F78

FFFFFF



001B5F



4B5CAD



000047



6775C9



00042F



838EE5



00011A



9FA9FF



000000



BCC4FF



D9E0FF



F6FCFF



012F78



012F78

■ 002E78

■ 0D3678

■ 193E78

■ 254578

■ 314C78

■ 3D5478

■ 495B78

■ 556378

■ 616A78

■ 6D7178

Harmonies

Analogous

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



003C7C



012F78



531961

Triad

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



012F78



621C00



004228

Complementary

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



012F78



784A01

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.



003F00



012F78



492F00

Square

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



012F78



6F001C



283A00



00424D

Rectangle

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



012F78



67004B



283A00



00411B

Sweetspot

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



012F78



6D7F9C



017848



333E4F



CFCFCF



4F4F4F

Same Dimension

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



012F78



003C9C



0D0178



37393D



00307D



0062FC

Inverse Universe

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



78012F



9C003C



6C7801



3D3739



7D0030



FC0062

Previews

White Background



This preview shows how the Hex color 012F78 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

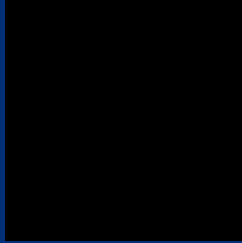
Any Text WCAG AA × Fail

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 012F78 Background



This preview shows how black text looks on a background with the Hex color 012F78.



This preview shows how white text looks on a background with the Hex color 012F78.

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

012F78

Protanopia

00336B

Deuteranopia

00365C



Tritanopia
003A3E

Trichromacy



Original Color
012F78

Protanomaly
003270

Deuteranomaly
003366

Tritanomaly
003653

Monochromacy



Original Color
012F78

Achromatopsia
2A2A2A

Achromatomaly
1B2C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 012F78 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 #012F78 looks like.

```
.text, #text, p{  
    color:#012F78  
}
```

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 #012F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012F78
}
```

Border

The CSS property to change the border of an element to Hex 012F78 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
#012F78 }
```

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

```
.border{ border-color:#012F78 }
```

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

Here you see how a box with a 4 pixel #012F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012F78; -webkit-box-shadow:4px 4px  
4px 4px #012F78; box-shadow:4px 4px 4px  
4px #012F78 }
```

Background

The CSS property to change the background color of an element to Hex 012F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012F78 }
```

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

```
.background{ background-color:#012F78 }
```

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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