

Converting Colors

Hex(2F0D65)

Have a look what the booklet for
Hex(2F0D65) contains.

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Color

Hex(2F0D65)

Conversions

Conversions Part 1

Format	Color
Hex	2F0D65
RGB	47, 13, 101
RGB Percent	18%, 5%, 40%
CMY	0.8157, 0.9490, 0.6039
CMYK	0.53, 0.87, 0.00, 0.60
HSL	263°, 77%, 22%
HSV	263°, 87%, 40%
XYZ	3.6652, 1.8318, 12.4723
YIQ	33.1980, -7.9840, 34.5760

Conversions

Conversions Part 2

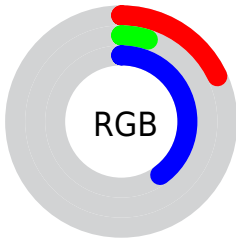
Format	Color
R_{YB}	47, 13, 101
Decimal	3083621
CIE Lab	14.58, 37.12, -44.41
CIE LCh	15, 57.880, 309.890
Yxy	1.8318, 0.2040, 0.1019
Android (android.graphics.Color)	4281273701 (0xFF2F0D65)
YUV	33.1980, 33.4264, 12.1044
Hunter-Lab	13.5343, 24.6540, -45.1637




Details

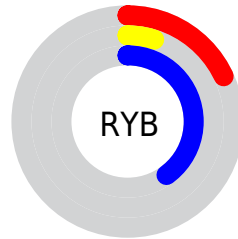
The Hex color **2F0D65** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **43650D**, and the grayscale version is **212121**.




A 20% lighter version of the original color is **643D99**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **290365**, and if you desaturate by 10%, it is **351765**.

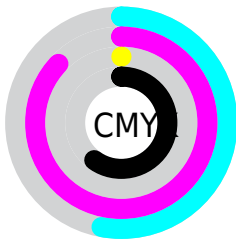
Distribution







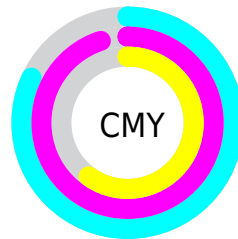
-  Red (18%)
-  Green (5%)
-  Blue (40%)






-  Red (18%)
-  Yellow (5%)
-  Blue (40%)



-  Cyan (53%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (82%)
-  Magenta (95%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0D65 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 2F0D65 by changing the saturation by 10% instead.

 2F0D65

 2F0D65


 FFF6FF

 13004C

 643D99

 000035

 7F55B4

 00021F

 9A6ED0

 000001

 B688EC

 000000

 D2A2FF

 EFBEFF

 FFDAFF

 2F0D65

 2F0D65

■ 290365

■ 351765

■ 270065

■ 3B2165

■ 422B65

■ 483565

■ 4E3F65

■ 544A65

■ 5A5465

■ 615E65

■ 676865

Harmonies

Analogous

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



002878



2F0D65



5B0042

Triad

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



2F0D65



441700



003432

Complementary

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



2F0D65



43650D

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.



003301



2F0D65



232800

Square

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



2F0D65



5C0000



002F00



003459

Rectangle

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



2F0D65



650027



002F00



003424

Sweetspot

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



2F0D65



6D6082



0D4365



362E42



C2C2C2



424242

Same Dimension

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



2F0D65



320082



5B0D65



302E33



2C0073



5E00F2

Inverse Universe

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



650D43



820050



17650D



332E31



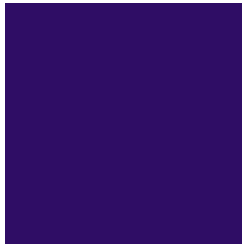
730046



F20095

Previews

White Background



This preview shows how the Hex color 2F0D65 looks on a white background.

Color Contrast Check

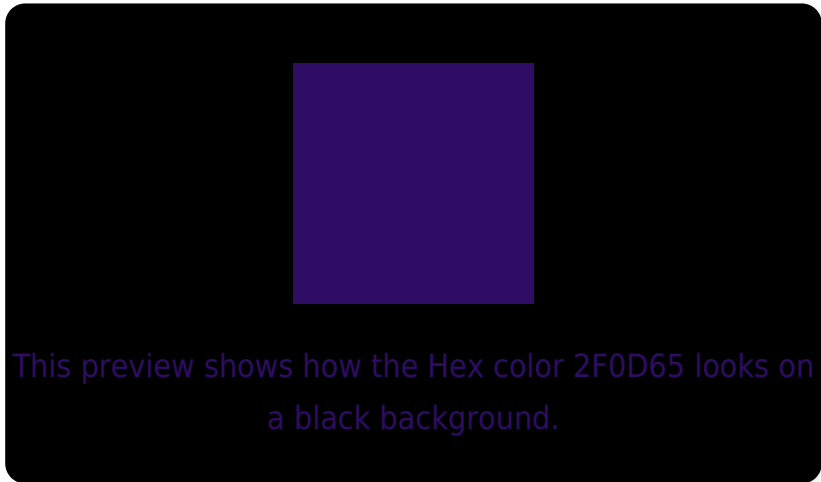
Large Text (above 18pt) WCAG AA ✓ Pass

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

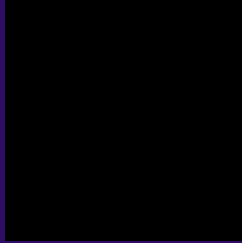
Any Text WCAG AA × Fail

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 2F0D65 Background



This preview shows how black text looks on a background with the Hex color 2F0D65.



This preview shows how white text looks on a background with the Hex color 2F0D65.

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
2F0D65

Protanopia
00254F

Deuteranopia
002843



Tritanopia
1D292C

Trichromacy



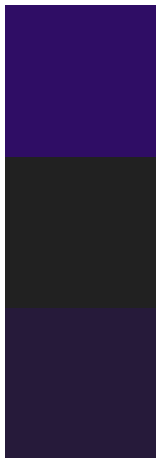
Original Color
2F0D65

Protanomaly
111C57

Deuteranomaly
111E4F

Tritanomaly
241F41

Monochromacy



Original Color
2F0D65

Achromatopsia
212121

Achromatomaly
261A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0D65 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 #2F0D65 looks like.

```
.text, #text, p{  
    color:#2F0D65  
}
```

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 #2F0D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0D65
}
```

Border

The CSS property to change the border of an element to Hex 2F0D65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

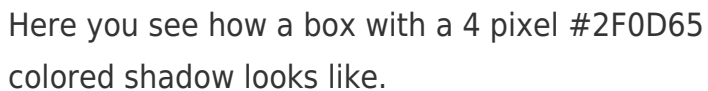
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0D65 }
```

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

```
.border{ border-color:#2F0D65 }
```

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



Here you see how a box with a 4 pixel #2F0D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0D65; -webkit-box-shadow:4px 4px  
4px 4px #2F0D65; box-shadow:4px 4px 4px  
4px #2F0D65 }
```

Background

The CSS property to change the background color of an element to Hex 2F0D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0D65 }
```

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

```
.background{ background-color:#2F0D65 }
```

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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