

Converting Colors

Hex(2F2565)

Have a look what the booklet for
Hex(2F2565) contains.

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Color

Hex(2F2565)

Conversions

Conversions Part 1

Format	Color
Hex	2F2565
RGB	47, 37, 101
RGB Percent	18%, 15%, 40%
CMY	0.8157, 0.8549, 0.6039
CMYK	0.53, 0.63, 0.00, 0.60
HSL	249°, 46%, 27%
HSV	249°, 63%, 40%
XYZ	4.1828, 2.8671, 12.6449
YIQ	47.2860, -14.5840, 22.0240

Conversions

Conversions Part 2

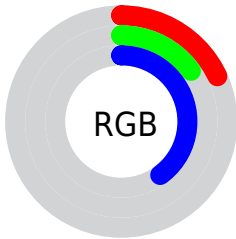
Format	Color
R_{YB}	47, 37, 101
Decimal	3089765
CIE _{Lab}	19.50, 23.50, -36.36
CIE _{LCh}	20, 43.295, 302.868
Yxy	2.8671, 0.2124, 0.1456
Android (android.graphics.Color)	4281279845 (0xFF2F2565)
YUV	47.2860, 26.4810, -0.2508
Hunter-Lab	16.9324, 14.4633, -32.4242

Details

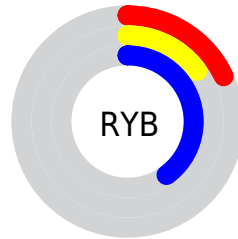
The Hex color **2F2565** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B6525**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **625299**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **261B65**, and if you desaturate by 10%, it is **382F65**.

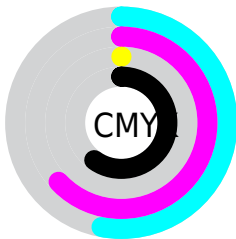
Distribution



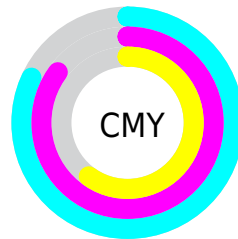
- Red (18%)
- Green (15%)
- Blue (40%)



- Red (18%)
- Yellow (15%)
- Blue (40%)



- Cyan (53%)
- Magenta (63%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2565 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 2F2565 by changing the saturation by 10% instead.

■ 2F2565

■ 2F2565

FFFFFF

■ 14104D

■ 625299

■ 000036

■ 7C6BB4

■ 00021F

■ 9784CF

■ 000002

■ B29EEC

■ 000000

■ CFB9FF

■ EBD5FF

■ FFF1FF

■ 2F2565

■ 2F2565

■ 261B65

■ 382F65

■ 1E1165

■ 403965

■ 150765

■ 494365

■ 100065

■ 514D65

■ 5A5865

■ 626265

■ 6B6C65

■ 737665

■ 7C8065

Harmonies

Analogous

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



00336F



2F2565



56104D

Triad

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



2F2565



512200



003C32

Complementary

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



2F2565



5B6525

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.



003B10



2F2565



392F00

Square

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



2F2565



610D0E



193700



003C51

Rectangle

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



2F2565



620038



193700



003C26

Sweetspot

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



2F2565



6D6982



255B65



353342



C2C2C2



424242

Same Dimension

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



2F2565



2F1F82



4F2565



2F2E33



120073



2600F2

Inverse Universe

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



65255B



821F73



3B6525



332E32



730061



F200CC

Previews

White Background



This preview shows how the Hex color 2F2565 looks on a white background.

Color Contrast Check

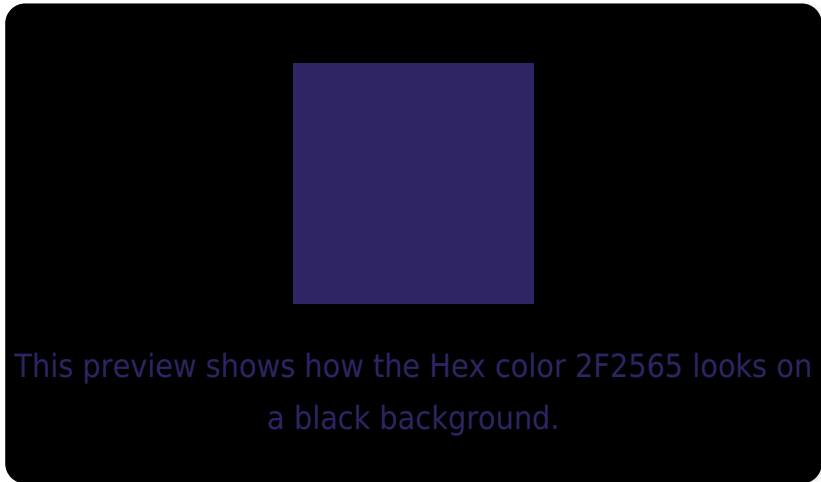
Large Text (above 18pt) WCAG AA ✓ Pass

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

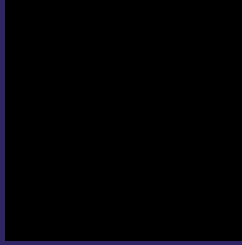
Any Text WCAG AA × Fail

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 2F2565 Background



This preview shows how black text looks on a background with the Hex color 2F2565.



This preview shows how white text looks on a background with the Hex color 2F2565.

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
2F2565

Deuteranopia
003154

Tritanopia
1F3337

Trichromacy



Original Color
2F2565

Deuteranomaly
112D5A

Tritanomaly
252E48

Monochromacy



Original Color
2F2565

Achromatopsia
2F2F2F

Achromatomaly
2F2B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2565 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 #2F2565 looks like.

```
.text, #text, p{  
    color:#2F2565  
}
```

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 #2F2565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2565
}
```

Border

The CSS property to change the border of an element to Hex 2F2565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

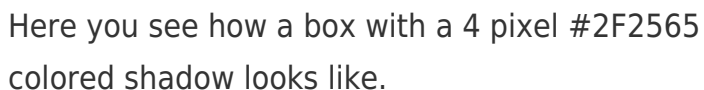
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2565 }
```

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

```
.border{ border-color:#2F2565 }
```

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



Here you see how a box with a 4 pixel #2F2565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2565; -webkit-box-shadow:4px 4px  
4px 4px #2F2565; box-shadow:4px 4px 4px  
4px #2F2565 }
```

Background

The CSS property to change the background color of an element to Hex 2F2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2565 }
```

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

```
.background{ background-color:#2F2565 }
```

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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