

Converting Colors

Hex(2F366B)

Have a look what the booklet for
Hex(2F366B) contains.

Hex(2F366B)	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(2F366B)

Conversions

Conversions Part 1

Format	Color
Hex	2F366B
RGB	47, 54, 107
RGB Percent	18%, 21%, 42%
CMY	0.8157, 0.7882, 0.5804
CMYK	0.56, 0.50, 0.00, 0.58
HSL	233°, 39%, 30%
HSV	233°, 56%, 42%
XYZ	5.1453, 4.3042, 14.4695
YIQ	57.9490, -21.1850, 14.9990

Conversions

Conversions Part 2

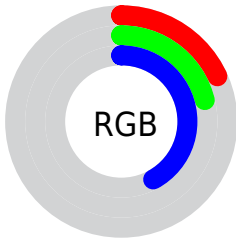
Format	Color
R_{YB}	47, 53, 107
Decimal	3094123
CIE _{Lab}	24.65, 13.92, -31.97
CIE _{LCh}	25, 34.869, 293.525
Yxy	4.3042, 0.2151, 0.1799
Android (android.graphics.Color)	4281284203 (0xFF2F366B)
YUV	57.9490, 24.1821, -9.6023
Hunter-Lab	20.7466, 7.9627, -26.8287




Details

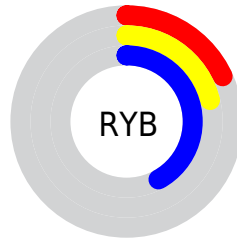
The Hex color **2F366B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6B642F**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **62649F**, and **000B3B** is the 20% darker color. If you saturate the color by 10%, you get **242D6B**, and if you desaturate by 10%, it is **3A3F6B**.

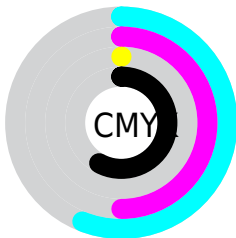
Distribution







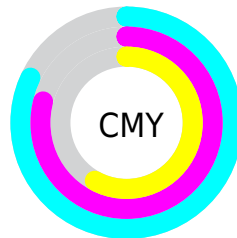
-  Red (18%)
-  Green (21%)
-  Blue (42%)






-  Red (18%)
-  Yellow (21%)
-  Blue (42%)



-  Cyan (56%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (82%)
-  Magenta (79%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F366B 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 2F366B by changing the saturation by 10% instead.

■ 2F366B

■ 2F366B

FFFFFF

■ 142152

■ 62649F

■ 000B3B

■ 7C7DBA

■ 000225

■ 9797D6

■ 00010D

■ B2B2F2

■ 000000

■ CECDFF

■ EBEAFF

■ 2F366B

■ 2F366B

■ 242D6B

■ 3A3F6B

■ 1A236B

■ 44496B

■ 0F1A6B

■ 4F526B

■ 04106B

■ 5A5C6B

■ 000C6B

■ 65656B

■ 6F6F6B

■ 7A786B

■ 85826B

■ 8F8B6B

Harmonies

Analogous

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



003F6F



2F366B



552A5A

Triad

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



2F366B



5F2D10



004634

Complementary

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



2F366B



6B642F

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.



0E4419



2F366B



4C3700

Square

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



2F366B



692227



333F03



00474F

Rectangle

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



2F366B



62234A



333F03



00462B

Sweetspot

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



2F366B



74778C



2F6B64



393B47



C7C7C7



474747

Same Dimension

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



2F366B



2E398C



462F6B



303136



000E75



001DF5

Inverse Universe

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



6B2F36



8C2E39



546B2F



363031



75000E



F5001D

Previews

White Background



This preview shows how the Hex color 2F366B looks on a white background.

Color Contrast Check

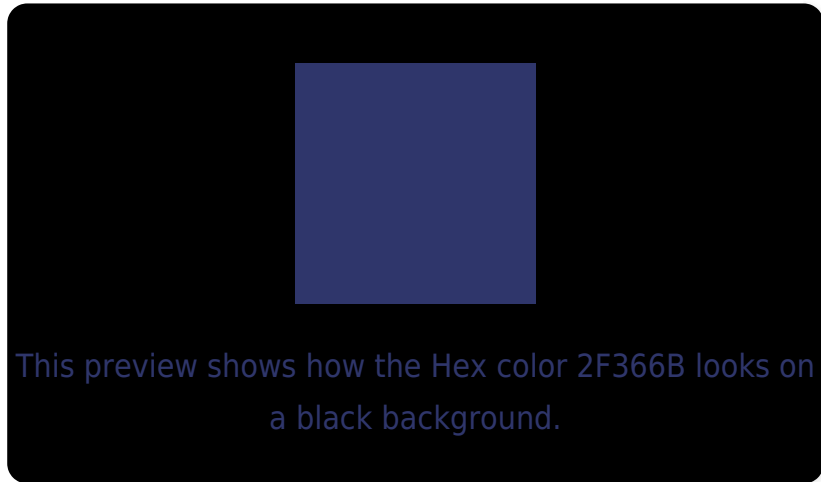
Large Text (above 18pt) WCAG AA ✓ Pass

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

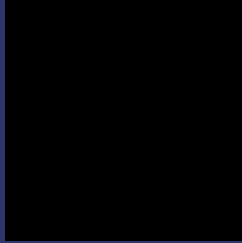
Any Text WCAG AA × Fail

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 2F366B Background



This preview shows how black text looks on a background with the Hex color 2F366B.



This preview shows how white text looks on a background with the Hex color 2F366B.

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





Tritanopia
203F44

Trichromacy



Original Color
2F366B

Protanomaly
24386D

Deuteranomaly
143A6A

Tritanomaly
253C52

Monochromacy



Original Color
2F366B

Achromatopsia
3A3A3A

Achromatomaly
36394C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F366B 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 #2F366B looks like.

```
.text, #text, p{  
    color:#2F366B  
}
```

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 #2F366B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F366B
}
```

Border

The CSS property to change the border of an element to Hex 2F366B 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
#2F366B }
```

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

```
.border{ border-color:#2F366B }
```

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

Here you see how a box with a 4 pixel #2F366B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F366B; -webkit-box-shadow:4px 4px  
4px 4px #2F366B; box-shadow:4px 4px 4px  
4px #2F366B }
```

Background

The CSS property to change the background color of an element to Hex 2F366B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F366B }
```

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

```
.background{ background-color:#2F366B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor