

Converting Colors

Hex(2F3260)

Have a look what the booklet for
Hex(2F3260) contains.

Hex(2F3260)	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(2F3260)

Conversions

Conversions Part 1

Format	Color
Hex	2F3260
RGB	47, 50, 96
RGB Percent	18%, 20%, 38%
CMY	0.8157, 0.8039, 0.6235
CMYK	0.51, 0.48, 0.00, 0.62
HSL	236°, 34%, 28%
HSV	236°, 51%, 38%
XYZ	4.4242, 3.7301, 11.5531
YIQ	54.3470, -16.5540, 13.6700

Conversions

Conversions Part 2

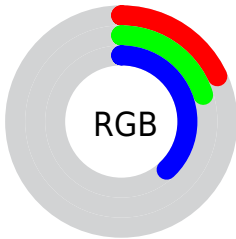
Format	Color
RYB	47, 50, 96
Decimal	3093088
CIELab	22.76, 12.80, -27.86
CIELCh	23, 30.659, 294.675
Yxy	3.7301, 0.2245, 0.1893
Android (android.graphics.Color)	4281283168 (0xFF2F3260)
YUV	54.3470, 20.5349, -6.4433
Hunter-Lab	19.3134, 7.0914, -21.9475




Details

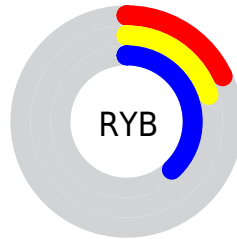
The Hex color **2F3260** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **605D2F**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **606093**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **252960**, and if you desaturate by 10%, it is **393B60**.

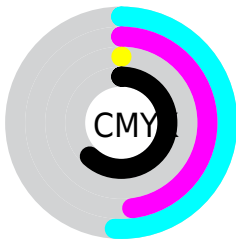
Distribution







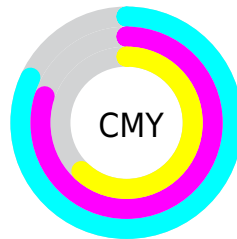
-  Red (18%)
-  Green (20%)
-  Blue (38%)






-  Red (18%)
-  Yellow (20%)
-  Blue (38%)



-  Cyan (51%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (80%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3260 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 2F3260 by changing the saturation by 10% instead.

■ 2F3260

■ 2F3260

FFFFFF

■ 161D48

■ 606093

■ 000431

■ 7A79AE

■ 00011C

■ 9593C9

■ 000000

■ B0ADE5

■ CCC8FF

■ E8E4FF

■ 2F3260

■ 2F3260

■ 252960

■ 393B60

■ 1C2060

■ 424460

■ 121760

■ 4C4D60

■ 090E60

■ 555660

■ 000660

■ 5F5F60

■ 696860

■ 727160

■ 7C7A60

■ 858360

Harmonies

Analogous

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



003A64



2F3260



4E2851

Triad

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



2F3260



562B11



004131

Complementary

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



2F3260



605D2F

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.



103F1A



2F3260



463403

Square

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



2F3260



5F2225



303B08



004149

Rectangle

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



2F3260



5A2243



303B08



004029

Sweetspot

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



2F3260



6A6B7D



2F605D



343540



BFBFBF



404040

Same Dimension

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



2F3260



31357D



442F60



2C2C30



000770



000FF0

Inverse Universe

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



602F32



7D3135



4B602F



302C2C



700007



F0000F

Previews

White Background



This preview shows how the Hex color 2F3260 looks on a white background.

Color Contrast Check

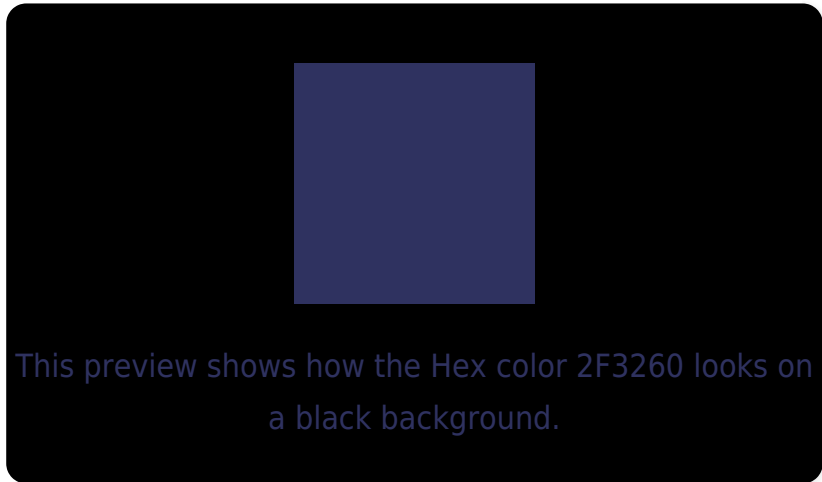
Large Text (above 18pt) WCAG AA ✓ Pass

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

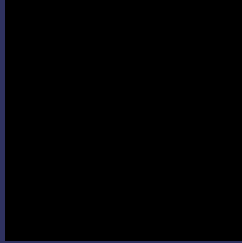
Any Text WCAG AA × Fail

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 2F3260 Background



This preview shows how black text looks on a background with the Hex color 2F3260.



This preview shows how white text looks on a background with the Hex color 2F3260.

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
2F3260

Protanopia
203563

Deuteranopia
15375F

Trichromacy



Original Color
2F3260

Protanomaly
253462

Deuteranomaly
1E355F

Tritanomaly
28374A

Monochromacy



Original Color
2F3260

Achromatopsia
363636

Achromatomaly
333545

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3260 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 #2F3260 looks like.

```
.text, #text, p{  
    color:#2F3260  
}
```

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 #2F3260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3260
}
```

Border

The CSS property to change the border of an element to Hex 2F3260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

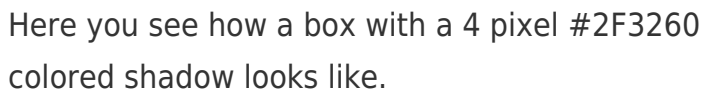
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3260 }
```

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

```
.border{ border-color:#2F3260 }
```

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



Here you see how a box with a 4 pixel #2F3260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3260; -webkit-box-shadow:4px 4px  
4px 4px #2F3260; box-shadow:4px 4px 4px  
4px #2F3260 }
```

Background

The CSS property to change the background color of an element to Hex 2F3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3260 }
```

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

```
.background{ background-color:#2F3260 }
```

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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