

Converting Colors

Hex(2F2B56)

Have a look what the booklet for
Hex(2F2B56) contains.

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Color

Hex(2F2B56)

Conversions

Conversions Part 1

Format	Color
Hex	2F2B56
RGB	47, 43, 86
RGB Percent	18%, 17%, 34%
CMY	0.8157, 0.8314, 0.6627
CMYK	0.45, 0.50, 0.00, 0.66
HSL	246°, 33%, 25%
HSV	246°, 50%, 34%
XYZ	3.7159, 3.0040, 9.1881
YIQ	49.0980, -11.4190, 14.2210

Conversions

Conversions Part 2

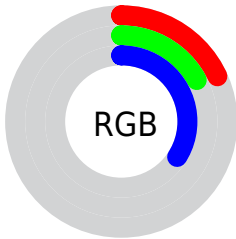
Format	Color
R_{YB}	47, 43, 86
Decimal	3091286
CIE _{Lab}	20.06, 14.27, -25.55
CIE _{LCh}	20, 29.266, 299.179
Yxy	3.0040, 0.2336, 0.1888
Android (android.graphics.Color)	4281281366 (0xFF2F2B56)
YUV	49.0980, 18.1927, -1.8399
Hunter-Lab	17.3320, 7.9384, -19.2986

Details

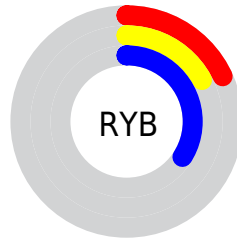
The Hex color **2F2B56** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **52562B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5F5888**, and **040029** is the 20% darker color. If you saturate the color by 10%, you get **272256**, and if you desaturate by 10%, it is **373456**.

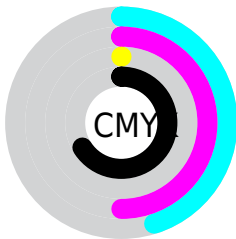
Distribution



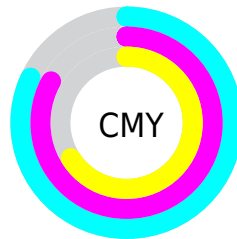
- Red (18%)
- Green (17%)
- Blue (34%)



- Red (18%)
- Yellow (17%)
- Blue (34%)



- Cyan (45%)
- Magenta (50%)
- Yellow (0%)
- Black (66%)



- Cyan (82%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2B56 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 2F2B56 by changing the saturation by 10% instead.

■ 2F2B56

■ 2F2B56

FFFFFF

■ 17173E

■ 5F5888

■ 040029

■ 7971A2

■ 000112

■ 938ABE

■ 000000

■ AEA5DA

■ CAC0F6

■ E6DCFF

■ FFF8FF

■ 2F2B56

■ 2F2B56

■ 272256

■ 373456

■ 1F1A56

■ 3F3C56

■ 181156

■ 464556

■ 100956

■ 4E4D56

■ 080056

■ 565656

■ 5E5F56

■ 666756

■ 6D7056

■ 757856

Harmonies

Analogous

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



00335B



2F2B56



4A2147

Triad

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



2F2B56



4C270A



003A2F

Complementary

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



2F2B56



52562B

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.



043919



2F2B56



3C2F00

Square

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



2F2B56



561E1D



273506



003A45

Rectangle

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



2F2B56



531D39



273506



003A28

Sweetspot

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



2F2B56



615F70



2B5256



2F2E38



B8B8B8



383838

Same Dimension

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



2F2B56



332D70



442B56



27272B



0A006B



1600EB

Inverse Universe

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



562B52



702D6A



3D562B



2B272B



6B0061



EB00D5

Previews

White Background



This preview shows how the Hex color 2F2B56 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

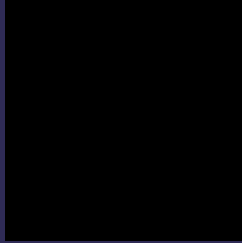
Any Text WCAG AA × Fail

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 2F2B56 Background



This preview shows how black text looks on a background with the Hex color 2F2B56.



This preview shows how white text looks on a background with the Hex color 2F2B56.

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
2F2B56

Protanopia
1A2F5A

Deuteranopia
133155



Tritanopia
273337

Trichromacy



Original Color
2F2B56

Protanomaly
222E59

Deuteranomaly
1D2F55

Tritanomaly
2A3042

Monochromacy



Original Color
2F2B56

Achromatopsia
313131

Achromatomaly
302F3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2B56 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 #2F2B56 looks like.

```
.text, #text, p{  
    color:#2F2B56  
}
```

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 #2F2B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2B56  
}
```

Border

The CSS property to change the border of an element to Hex 2F2B56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

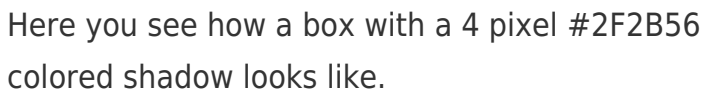
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2F2B56 }
```

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

```
.border{ border-color:#2F2B56 }
```

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



Here you see how a box with a 4 pixel #2F2B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2B56; -webkit-box-shadow:4px 4px  
4px 4px #2F2B56; box-shadow:4px 4px 4px  
4px #2F2B56 }
```

Background

The CSS property to change the background color of an element to Hex 2F2B56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2B56 }
```

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

```
.background{ background-color:#2F2B56 }
```

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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