

Converting Colors

Hex(2F525B)

Have a look what the booklet for
Hex(2F525B) contains.

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Color

Hex(2F525B)

Conversions

Conversions Part 1

Format	Color
Hex	2F525B
RGB	47, 82, 91
RGB Percent	18%, 32%, 36%
CMY	0.8157, 0.6784, 0.6431
CMYK	0.48, 0.10, 0.00, 0.64
HSL	192°, 32%, 27%
HSV	192°, 48%, 36%
XYZ	6.0779, 7.3943, 11.0044
YIQ	72.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

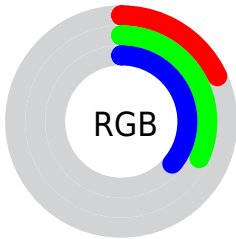
Format	Color
R_{YB}	47, 66, 91
Decimal	3101275
CIE Lab	32.69, -9.92, -9.22
CIE LCh	33, 13.539, 222.897
Yxy	7.3943, 0.2483, 0.3021
Android (android.graphics.Color)	4281291355 (0xFF2F525B)
YUV	72.5610, 9.0904, -22.4170
Hunter-Lab	27.1924, -7.6892, -4.9593

Details

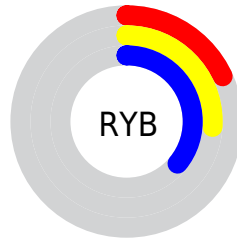
The Hex color **2F525B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B382F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **60838D**, and **00252D** is the 20% darker color. If you saturate the color by 10%, you get **26505B**, and if you desaturate by 10%, it is **38545B**.

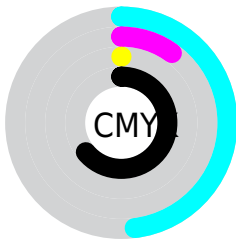
Distribution



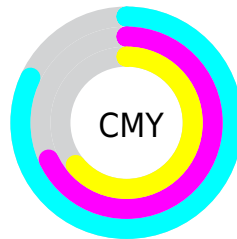
- Red (18%)
- Green (32%)
- Blue (36%)



- Red (18%)
- Yellow (26%)
- Blue (36%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F525B 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 2F525B by changing the saturation by 10% instead.

■ 2F525B

■ 2F525B

FFFFFF

■ 173B44

■ 60838D

■ 00252D

■ 7A9EA7

■ 001119

■ 94B8C3

■ 000000

■ AFD4DF

■ CBF1FB

■ E7FFFF

■ 2F525B

■ 2F525B

■ 26505B

■ 38545B

■ 1D4E5B

■ 41565B

■ 144C5B

■ 4A585B

■ 0B4B5B

■ 53595B

■ 02495B

■ 5D5B5B

■ 00485B

■ 665D5B

■ 6F5F5B

■ 78615B

■ 81635B

Harmonies

Analogous

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



305351



2F525B



385061

Triad

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



2F525B



5E4653



504E38

Complementary

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



2F525B



5B382F

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.



5A4A39



2F525B



634549

Square

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



2F525B



54495D



61473F



44513D

Rectangle

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



2F525B



414D62



61473F



544D38

Sweetspot

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



2F525B



647275



2F5B38



30383B



BABABA



3B3B3B

Same Dimension

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



2F525B



316775



2F3C5B



292D2E



00576E



00BDED

Inverse Universe

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



5B2F52



753167



5B4E2F



2E292D



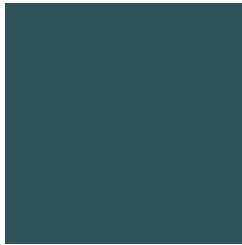
6E0057



ED00BD

Previews

White Background



This preview shows how the Hex color 2F525B 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

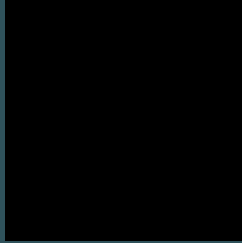
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

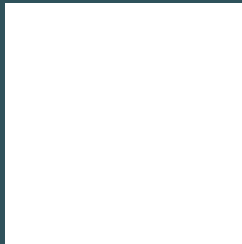
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F525B Background



This preview shows how black text looks on a background with the Hex color 2F525B.



This preview shows how white text looks on a background with the Hex color 2F525B.

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
2F525B

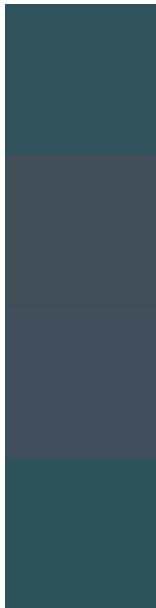
Protanopia
4B4C57

Deuteranopia
4C4B5D



Tritanopia
2E5259

Trichromacy



Original Color
2F525B

Protanomaly
414E58

Deuteranomaly
414E5C

Tritanomaly
2E525A

Monochromacy



Original Color
2F525B

Achromatopsia
494949

Achromatomaly
404C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F525B 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 #2F525B looks like.

```
.text, #text, p{  
    color:#2F525B  
}
```

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 #2F525B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F525B
}
```

Border

The CSS property to change the border of an element to Hex 2F525B 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
#2F525B }
```

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

```
.border{ border-color:#2F525B }
```

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

Here you see how a box with a 4 pixel #2F525B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F525B; -webkit-box-shadow:4px 4px  
4px 4px #2F525B; box-shadow:4px 4px 4px  
4px #2F525B }
```

Background

The CSS property to change the background color of an element to Hex 2F525B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F525B }
```

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

```
.background{ background-color:#2F525B }
```

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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