

Converting Colors

Hex(2F5223)

Have a look what the booklet for
Hex(2F5223) contains.

Hex(2F5223)	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(2F5223)

Conversions

Conversions Part 1

Format	Color
Hex	2F5223
RGB	47, 82, 35
RGB Percent	18%, 32%, 14%
CMY	0.8157, 0.6784, 0.8627
CMYK	0.43, 0.00, 0.57, 0.68
HSL	105°, 40%, 23%
HSV	105°, 57%, 32%
XYZ	4.4930, 6.7603, 2.6582
YIQ	66.1770, -5.7730, -22.0370

Conversions

Conversions Part 2

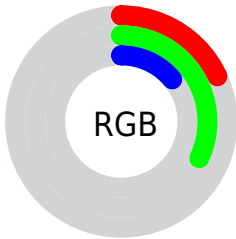
Format	Color
R_{YB}	35, 82, 70
Decimal	3101219
CIE _{Lab}	31.25, -22.90, 23.45
CIE _{LCh}	31, 32.778, 134.311
Yxy	6.7603, 0.3230, 0.4860
Android (android.graphics.Color)	4281291299 (0xFF2F5223)
YUV	66.1770, -15.3703, -16.8182
Hunter-Lab	26.0005, -14.6557, 12.1388

Details

The Hex color **2F5223** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **462352**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5F8451**, and **012500** is the 20% darker color. If you saturate the color by 10%, you get **29521B**, and if you desaturate by 10%, it is **35522B**.

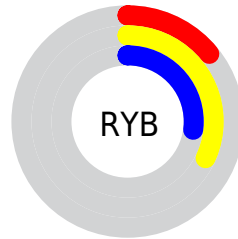
Distribution



Red (18%)

Green (32%)

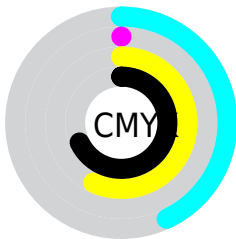
Blue (14%)



Red (14%)

Yellow (32%)

Blue (27%)

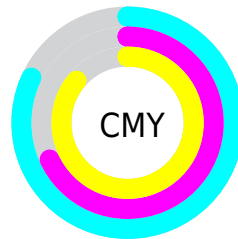


Cyan (43%)

Magenta (0%)

Yellow (57%)

Black (68%)



Cyan (82%)

Magenta (68%)

Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2F5223 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 2F5223 by changing the saturation by 10% instead.

 2F5223

 2F5223


FFFFFF

 173B0D

 5F8451

 012500

 799E69

 000900

 93B983

 000000

 AED59D

 CAF1B8

 E6FFD4

 FFFFF0

 2F5223

 2F5223

■ 29521B

■ 35522B

■ 235213

■ 3B5233

■ 1D520A

■ 41523C

■ 175202

■ 475244

■ 155200

■ 4E524C

■ 545254

■ 5A525C

■ 605265

■ 66526D

Harmonies

Analogous

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



4C4C14



2F5223



00553B

Triad

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



2F5223



00507B



79333E

Complementary

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



2F5223



462352

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.



723558



2F5223



32487B

Square

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



2F5223



00556D



5B3E6E



733A27

Rectangle

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



2F5223



00564D



5B3E6E



783247

Sweetspot

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



2F5223



5E6B59



524523



2E362B



B5B5B5



363636

Same Dimension

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



2F5223



346B21



23522E



262925



1B6900



3BE800

Inverse Universe

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



462352



58216B



522347



282529



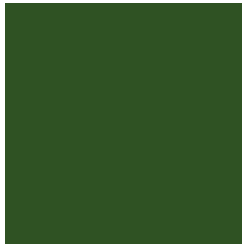
4E0069



AD00E8

Previews

White Background



This preview shows how the Hex color 2F5223 looks on a white background.

Color Contrast Check

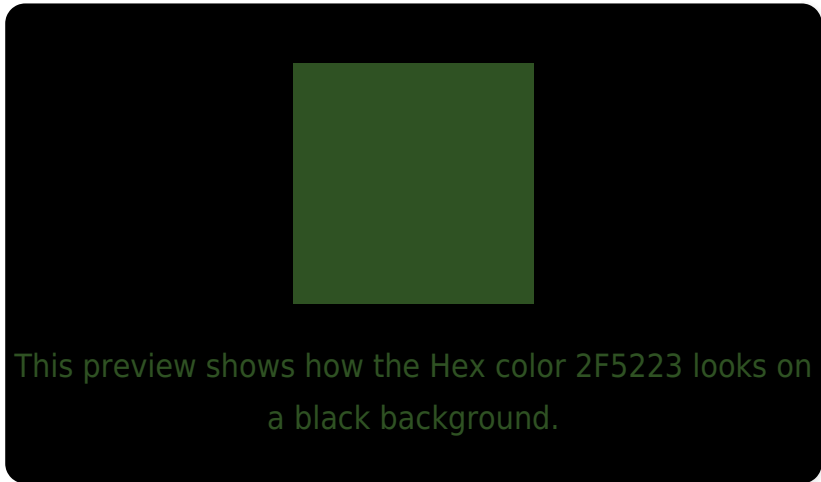
Large Text (above 18pt) WCAG AA ✓ Pass

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

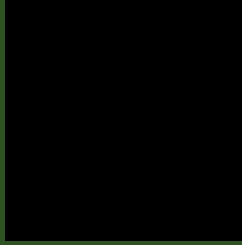
Any Text WCAG AA × Fail

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 2F5223 Background



This preview shows how black text looks on a background with the Hex color 2F5223.



This preview shows how white text looks on a background with the Hex color 2F5223.

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
2F5223

Protanopia
514920

Deuteranopia
5A4626



Tritanopia
374D53

Trichromacy



Original Color
2F5223

Protanomaly
454C21

Deuteranomaly
4A4A25

Tritanomaly
344F42

Monochromacy



Original Color
2F5223

Achromatopsia
424242

Achromatomaly
3B4837

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5223 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 #2F5223 looks like.

```
.text, #text, p{  
    color:#2F5223  
}
```

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 #2F5223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5223
}
```

Border

The CSS property to change the border of an element to Hex 2F5223 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".

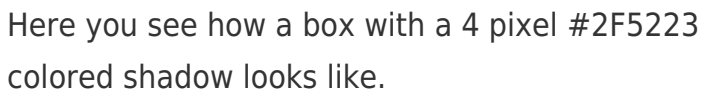
```
.border, #border, table{ border:4px solid
#2F5223 }
```

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

```
.border{ border-color:#2F5223 }
```

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

Here you see how a box with a 4 pixel #2F5223 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5223; -webkit-box-shadow:4px 4px  
4px 4px #2F5223; box-shadow:4px 4px 4px  
4px #2F5223 }
```

Background

The CSS property to change the background color of an element to Hex 2F5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5223 }
```

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

```
.background{ background-color:#2F5223 }
```

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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awesome pro features!

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