

Converting Colors

Hex(2F6525)

Have a look what the booklet for
Hex(2F6525) contains.

Hex(2F6525)	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(2F6525)

Conversions

Conversions Part 1

Format	Color
Hex	2F6525
RGB	47, 101, 37
RGB Percent	18%, 40%, 15%
CMY	0.8157, 0.6039, 0.8549
CMYK	0.53, 0.00, 0.63, 0.60
HSL	111°, 46%, 27%
HSV	111°, 63%, 40%
XYZ	6.1599, 10.0453, 3.3645
YIQ	77.5580, -11.6400, -31.3520

Conversions

Conversions Part 2

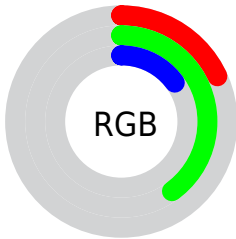
Format	Color
RYB	37, 101, 91
Decimal	3106085
CIELab	37.92, -31.59, 30.21
CIElCh	38, 43.711, 136.278
Yxy	10.0453, 0.3148, 0.5133
Android (android.graphics.Color)	4281296165 (0xFF2F6525)
YUV	77.5580, -19.9951, -26.7994
Hunter-Lab	31.6943, -20.7728, 15.8920

Details

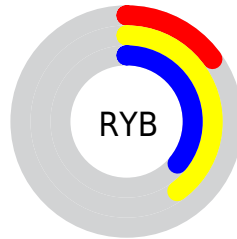
The Hex color **2F6525** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B2565**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **629954**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **26651B**, and if you desaturate by 10%, it is **38652F**.

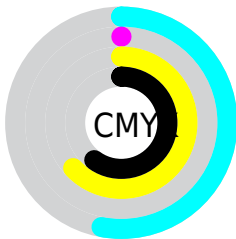
Distribution



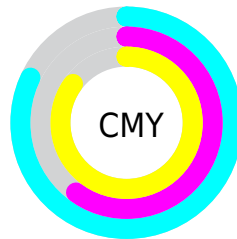
- Red (18%)
- Green (40%)
- Blue (15%)



- Red (15%)
- Yellow (40%)
- Blue (36%)



- Cyan (53%)
- Magenta (0%)
- Yellow (63%)
- Black (60%)



- Cyan (82%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6525 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 2F6525 by changing the saturation by 10% instead.



2F6525



2F6525

FFFFFF



144D0D



629954



003500



7CB46D



002200



97CF87



000000



B3ECA2



CFFFBD



EBFFD9



FFFFF6



2F6525



2F6525

■ 26651B

■ 38652F

■ 1E6511

■ 406539

■ 156507

■ 496543

■ 106500

■ 51654D

■ 5A6558

■ 626562

■ 6B656C

■ 736576

■ 7C6580

Harmonies

Analogous

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



595D0A



2F6525



006947

Triad

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



2F6525



00629E



993848

Complementary

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



2F6525



5B2565

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.



913A6B



2F6525



38579D

Square

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



2F6525



00688C



73478B



8F4327

Rectangle

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



2F6525



006A60



73478B



993753

Sweetspot

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



2F6525



6D8269



655A25



354233



C2C2C2



424242

Same Dimension

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



2F6525



2F821F



25653A



2F332E



127300



26F200

Inverse Universe

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



5B2565



731F82



652550



322E33



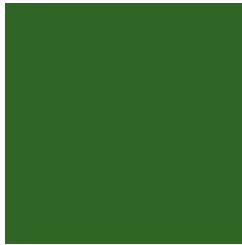
610073



CC00F2

Previews

White Background



This preview shows how the Hex color 2F6525 looks on a white background.

Color Contrast Check

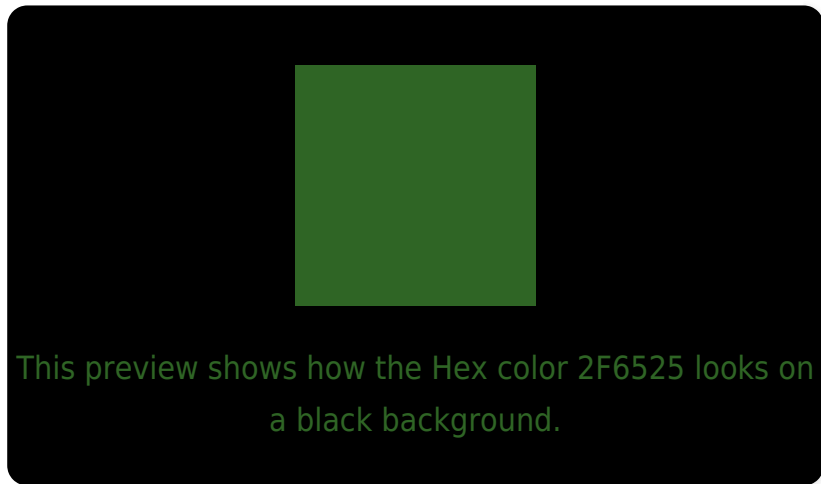
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

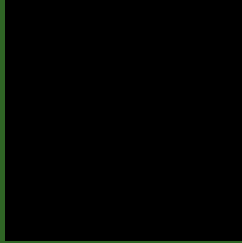
Any Text WCAG AA × Fail

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 2F6525 Background



This preview shows how black text looks on a background with the Hex color 2F6525.



This preview shows how white text looks on a background with the Hex color 2F6525.

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
2F6525

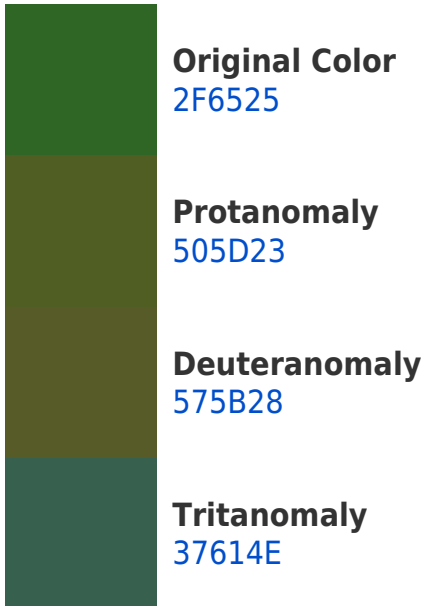
Protanopia
635922

Deuteranopia
6E552A

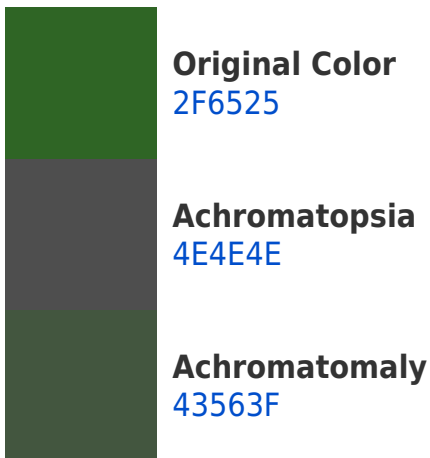


Tritanopia
3C5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6525 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 #2F6525 looks like.

```
.text, #text, p{  
    color:#2F6525  
}
```

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 #2F6525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6525
}
```

Border

The CSS property to change the border of an element to Hex 2F6525 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".

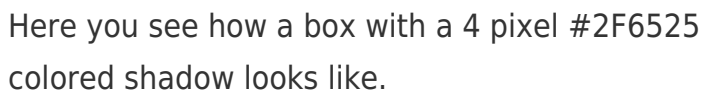
```
.border, #border, table{ border:4px solid
#2F6525 }
```

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

```
.border{ border-color:#2F6525 }
```

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

Here you see how a box with a 4 pixel #2F6525 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6525; -webkit-box-shadow:4px 4px  
4px 4px #2F6525; box-shadow:4px 4px 4px  
4px #2F6525 }
```

Background

The CSS property to change the background color of an element to Hex 2F6525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6525 }
```

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

```
.background{ background-color:#2F6525 }
```

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