

Converting Colors

Hex(2F2500)

Have a look what the booklet for
Hex(2F2500) contains.

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Color

Hex(2F2500)

Conversions

Conversions Part 1

Format	Color
Hex	2F2500
RGB	47, 37, 0
RGB Percent	18%, 15%, 0%
CMY	0.8157, 0.8549, 1.0000
CMYK	0.00, 0.21, 1.00, 0.82
HSL	47°, 100%, 9%
HSV	47°, 100%, 18%
XYZ	1.8339, 1.9275, 0.2754
YIQ	35.7720, 17.8370, -9.3870

Conversions

Conversions Part 2

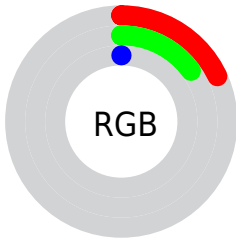
Format	Color
R_{YB}	13, 47, 0
Decimal	3089664
CIE Lab	15.10, 0.05, 22.10
CIE LCh	15, 22.099, 89.883
Yxy	1.9275, 0.4543, 0.4775
Android (android.graphics.Color)	4281279744 (0xFF2F2500)
YUV	35.7720, -17.6356, 9.8470
Hunter-Lab	13.8833, -0.7177, 8.5423

Details

The Hex color **2F2500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000A2F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5E512F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2500**, and if you desaturate by 10%, it is **2F2605**.

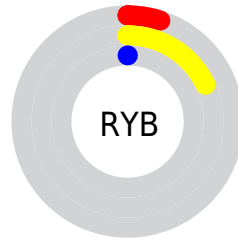
Distribution



Red (18%)

Green (15%)

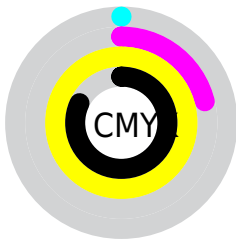
Blue (0%)



Red (5%)

Yellow (18%)

Blue (0%)

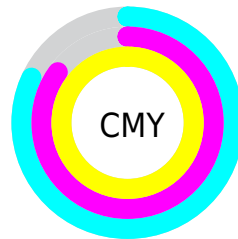


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2500 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 2F2500 by changing the saturation by 10% instead.

 2F2500

 2F2500

 FFFFE2

 171000

 5E512F

 000000

 786A46

 92835E

 AD9D77

 C9B790

 E5D3AB

 FFEFC6

 2F2500

■ 2F2605

■ 2F2709

■ 2F280E

■ 2F2913

■ 2F2A18

■ 2F2B1C

■ 2F2C21

■ 2F2D26

■ 2F2E2A

Harmonies

Analogous

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



3B1F08



2F2500



1F2906

Triad

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



2F2500



002D35



391B36

Complementary

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



2F2500



000A2F

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.



262241



2F2500



002B41

Square

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



2F2500



002D25



012845



421827

Rectangle

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



2F2500



122B11



012845



341D3A

Sweetspot

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



2F2500



3D392B



2F000A



1F1C14



9E9E9E



1F1F1F

Same Dimension

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



2F2500



3D3000



222F00



171615



574400



D6A900

Inverse Universe

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



000A2F



000D3D



0D002F



151517



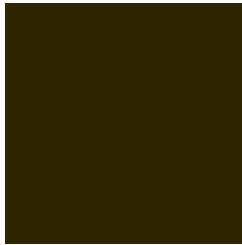
001257



002ED6

Previews

White Background



This preview shows how the Hex color 2F2500 looks on a white background.

Color Contrast Check

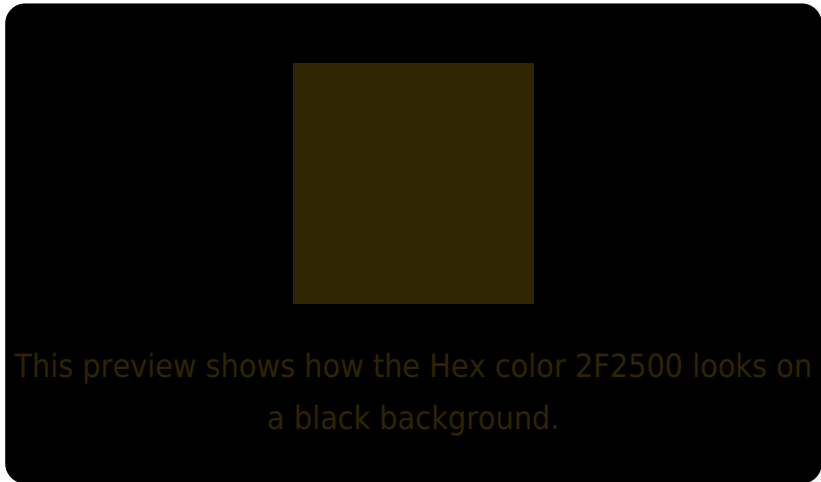
Large Text (above 18pt) WCAG AA ✓ Pass

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

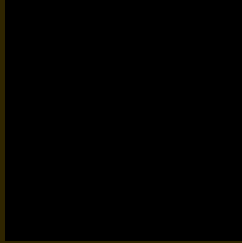
Any Text WCAG AA × Fail

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 2F2500 Background



This preview shows how black text looks on a background with the Hex color 2F2500.

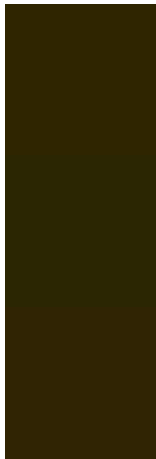


This preview shows how white text looks on a background with the Hex color 2F2500.

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](#).

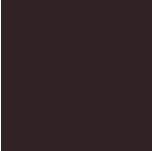
Dichromacy



Original Color
2F2500

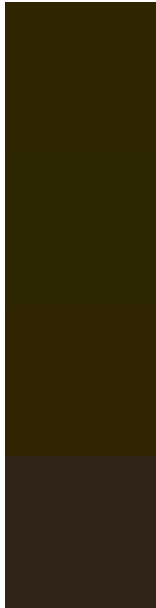
Protanopia
2B2602

Deuteranopia
302403



Tritanopia
312225

Trichromacy



Original Color
2F2500

Protanomaly
2C2601

Deuteranomaly
302402

Tritanomaly
302318

Monochromacy



Original Color
2F2500

Achromatopsia
242424

Achromatomaly
282417

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2500 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 #2F2500 looks like.

```
.text, #text, p{  
    color:#2F2500  
}
```

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 #2F2500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2500
}
```

Border

The CSS property to change the border of an element to Hex 2F2500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

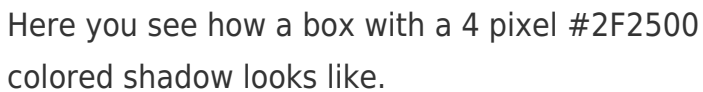
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2500 }
```

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

```
.border{ border-color:#2F2500 }
```

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



Here you see how a box with a 4 pixel #2F2500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2500; -webkit-box-shadow:4px 4px  
4px 4px #2F2500; box-shadow:4px 4px 4px  
4px #2F2500 }
```

Background

The CSS property to change the background color of an element to Hex 2F2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2500 }
```

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

```
.background{ background-color:#2F2500 }
```

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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