

Converting Colors

Hex(2D5B0F)

Have a look what the booklet for
Hex(2D5B0F) contains.

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Color

Hex(2D5B0F)

Conversions

Conversions Part 1

Format	Color
Hex	2D5B0F
RGB	45, 91, 15
RGB Percent	18%, 36%, 6%
CMY	0.8235, 0.6431, 0.9412
CMYK	0.51, 0.00, 0.84, 0.64
HSL	96°, 72%, 21%
HSV	96°, 84%, 36%
XYZ	4.9095, 8.0745, 1.7517
YIQ	68.5820, -3.0200, -33.3880

Conversions

Conversions Part 2

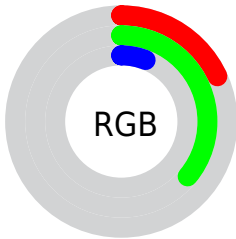
Format	Color
RYB	15, 91, 61
Decimal	2972431
CIELab	34.14, -29.90, 35.96
CIELCh	34, 46.763, 129.747
Yxy	8.0745, 0.3332, 0.5480
Android (android.graphics.Color)	4281162511 (0xFF2D5B0F)
YUV	68.5820, -26.4159, -20.6814
Hunter-Lab	28.4158, -18.8874, 16.2360

Details

The Hex color **2D5B0F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D0F5B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **608E40**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **275B06**, and if you desaturate by 10%, it is **335B18**.

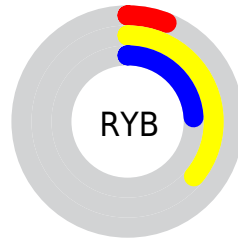
Distribution



Red (18%)

Green (36%)

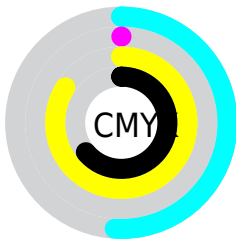
Blue (6%)



Red (6%)

Yellow (36%)

Blue (24%)

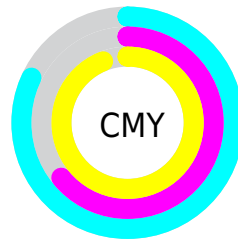


Cyan (51%)

Magenta (0%)

Yellow (84%)

Black (64%)



Cyan (82%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5B0F 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 2D5B0F by changing the saturation by 10% instead.

 2D5B0F

 2D5B0F

FFFFFFC

 134300

 608E40

 002C00

 7AA859

 001700

 95C472

 000000

 B0E08C

 CCFCA7

 E9FFC3

 FFFFDF

 2D5B0F

 2D5B0F

■ 275B06

■ 335B18

■ 245B00

■ 385B21

■ 3E5B2A

■ 435B33

■ 495B3D

■ 4E5B46

■ 545B4F

■ 595B58

■ 5F5B61

Harmonies

Analogous

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



565200



2D5B0F



006035

Triad

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



2D5B0F



005B96



922846

Complementary

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



2D5B0F



3D0F5B

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.



852F6B



2D5B0F



00519A

Square

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



2D5B0F



00607F



61418A



8B3422

Rectangle

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



2D5B0F



00614F



61418A



902852

Sweetspot

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



2D5B0F



647558



5B3D0F



303B29



BABABA



3B3B3B

Same Dimension

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



2D5B0F



2E7500



0F5B17



2B2E29



2B6E00



5EED00

Inverse Universe

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



3D0F5B



470075



5B0F53



2C292E



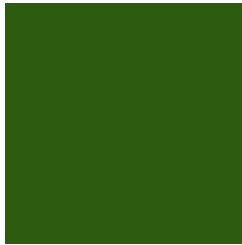
42006E



9000ED

Previews

White Background



This preview shows how the Hex color 2D5B0F looks on a white background.

Color Contrast Check

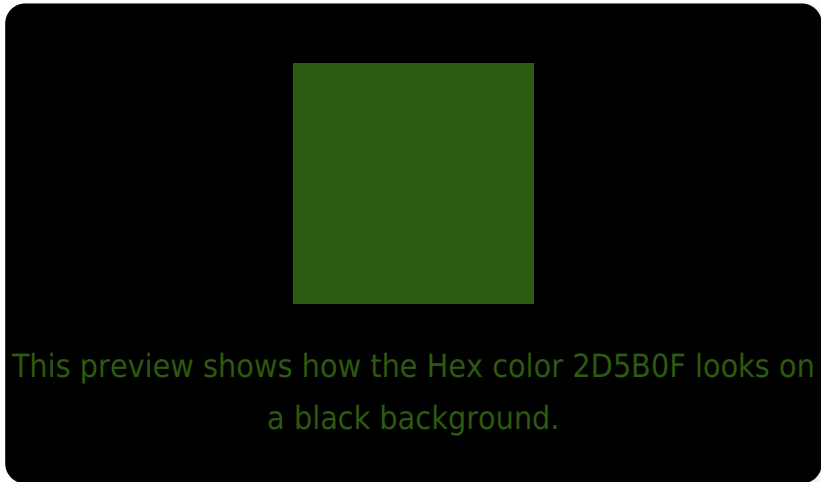
Large Text (above 18pt) WCAG AA ✓ Pass

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

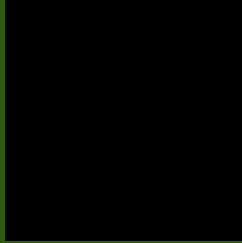
Any Text WCAG AA × Fail

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 2D5B0F Background



This preview shows how black text looks on a background with the Hex color 2D5B0F.



This preview shows how white text looks on a background with the Hex color 2D5B0F.

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
2D5B0F

Protanopia
5A500C

Deuteranopia
644C17



Tritanopia
39555B

Trichromacy



Original Color
2D5B0F

Protanomaly
4A540D

Deuteranomaly
505114

Tritanomaly
35573F

Monochromacy



Original Color
2D5B0F

Achromatopsia
454545

Achromatomaly
3C4D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5B0F 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 #2D5B0F looks like.

```
.text, #text, p{  
    color:#2D5B0F  
}
```

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 #2D5B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5B0F
}
```

Border

The CSS property to change the border of an element to Hex 2D5B0F 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
#2D5B0F }
```

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

```
.border{ border-color:#2D5B0F }
```

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

Here you see how a box with a 4 pixel #2D5B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5B0F; -webkit-box-shadow:4px 4px  
4px 4px #2D5B0F; box-shadow:4px 4px 4px  
4px #2D5B0F }
```

Background

The CSS property to change the background color of an element to Hex 2D5B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5B0F }
```

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

```
.background{ background-color:#2D5B0F }
```

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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