

Converting Colors

Hex(2D5807)

Have a look what the booklet for
Hex(2D5807) contains.

Hex(2D5807)	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(2D5807)

Conversions

Conversions Part 1

Format	Color
Hex	2D5807
RGB	45, 88, 7
RGB Percent	18%, 35%, 3%
CMY	0.8235, 0.6549, 0.9725
CMYK	0.49, 0.00, 0.92, 0.65
HSL	92°, 85%, 19%
HSV	92°, 92%, 35%
XYZ	4.6103, 7.5527, 1.4158
YIQ	65.9090, 0.3730, -34.3070

Conversions

Conversions Part 2

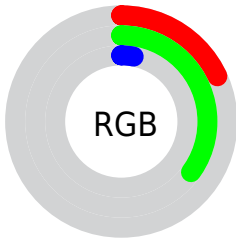
Format	Color
RYB	7, 88, 50
Decimal	2971655
CIELab	33.03, -29.00, 37.51
CIElCh	33, 47.415, 127.712
Yxy	7.5527, 0.3395, 0.5562
Android (android.graphics.Color)	4281161735 (0xFF2D5807)
YUV	65.9090, -29.0421, -18.3372
Hunter-Lab	27.4821, -18.1495, 16.1830

Details

The Hex color **2D5807** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **320758**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **608A3B**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **295800**, and if you desaturate by 10%, it is **325810**.

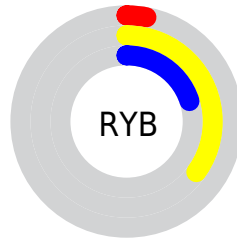
Distribution



Red (18%)

Green (35%)

Blue (3%)



Red (3%)

Yellow (35%)

Blue (20%)

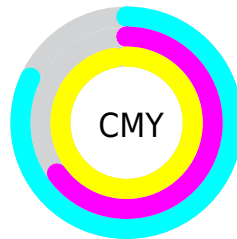


Cyan (49%)

Magenta (0%)

Yellow (92%)

Black (65%)



Cyan (82%)

Magenta (65%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5807 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 2D5807 by changing the saturation by 10% instead.

 2D5807

 2D5807

 FFFFF5

 144000

 608A3B

 002A00

 7AA553

 001300

 95C06C

 000000

 B0DC86

 CCF9A1

 E9FFBD

 FFFFD9

 2D5807

 2D5807

■ 295800

■ 325810

■ 365819

■ 3B5821

■ 40582A

■ 445833

■ 49583C

■ 4E5845

■ 52584D

■ 575856

Harmonies

Analogous

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



564F00



2D5807



005D30

Triad

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



2D5807



005993



8F2446

Complementary

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



2D5807



320758

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.



812C6B



2D5807



004F99

Square

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



2D5807



005E7B



5A3F89



893022

Rectangle

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



2D5807



005E4A



5A3F89



8D2452

Sweetspot

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



2D5807



627353



583107



303B27



BABABA



3B3B3B

Same Dimension

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



2D5807



367300



075808



292B27



326B00



6EEB00

Inverse Universe

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



320758



3D0073



580757



29272B



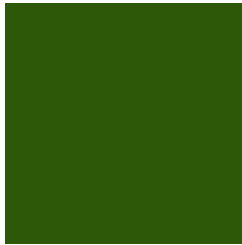
39006B



7D00EB

Previews

White Background



This preview shows how the Hex color 2D5807 looks on a white background.

Color Contrast Check

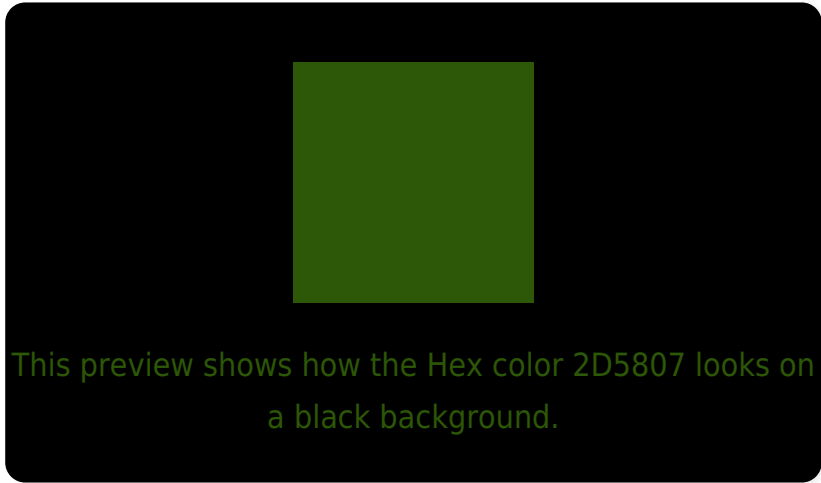
Large Text (above 18pt) WCAG AA ✓ Pass

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

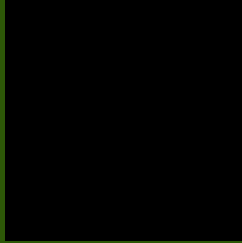
Any Text WCAG AA × Fail

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 2D5807 Background



This preview shows how black text looks on a background with the Hex color 2D5807.



This preview shows how white text looks on a background with the Hex color 2D5807.

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](#).

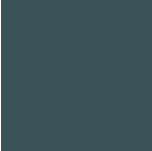
Dichromacy



Original Color
2D5807

Protanopia
584E00

Deuteranopia
624A13



Tritanopia
385258

Trichromacy



Original Color
2D5807

Protanomaly
485203

Deuteranomaly
4F4F0F

Tritanomaly
34543B

Monochromacy



Original Color
2D5807

Achromatopsia
424242

Achromatomaly
3A4A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5807 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 #2D5807 looks like.

```
.text, #text, p{  
    color:#2D5807  
}
```

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 #2D5807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5807
}
```

Border

The CSS property to change the border of an element to Hex 2D5807 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
#2D5807 }
```

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

```
.border{ border-color:#2D5807 }
```

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

Here you see how a box with a 4 pixel #2D5807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5807; -webkit-box-shadow:4px 4px  
4px 4px #2D5807; box-shadow:4px 4px 4px  
4px #2D5807 }
```

Background

The CSS property to change the background color of an element to Hex 2D5807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5807 }
```

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

```
.background{ background-color:#2D5807 }
```

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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