

Converting Colors

Hex(2D4709)

Have a look what the booklet for
Hex(2D4709) contains.

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Color

Hex(2D4709)

Conversions

Conversions Part 1

Format	Color
Hex	2D4709
RGB	45, 71, 9
RGB Percent	18%, 28%, 4%
CMY	0.8235, 0.7216, 0.9647
CMYK	0.37, 0.00, 0.87, 0.72
HSL	85°, 78%, 16%
HSV	85°, 87%, 28%
XYZ	3.3847, 5.0841, 1.0614
YIQ	56.1580, 4.4060, -24.7940

Conversions

Conversions Part 2

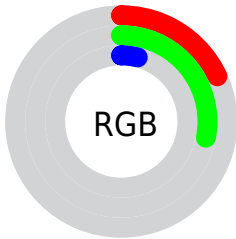
Format	Color
R_{YB}	9, 71, 35
Decimal	2967305
CIE Lab	26.97, -20.73, 31.37
CIE LCh	27, 37.598, 123.458
Yxy	5.0841, 0.3552, 0.5335
Android (android.graphics.Color)	4281157385 (0xFF2D4709)
YUV	56.1580, -23.2489, -9.7856
Hunter-Lab	22.5479, -12.6637, 12.9926

Details

The Hex color **2D4709** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **230947**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5E7839**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **2A4702**, and if you desaturate by 10%, it is **304710**.

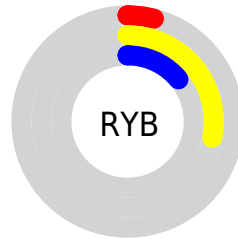
Distribution



Red (18%)

Green (28%)

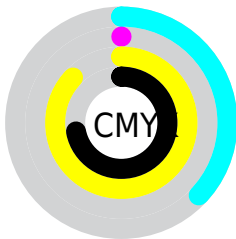
Blue (4%)



Red (4%)

Yellow (28%)

Blue (14%)

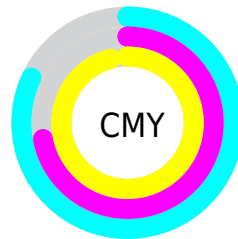


Cyan (37%)

Magenta (0%)

Yellow (87%)

Black (72%)



Cyan (82%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4709 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 2D4709 by changing the saturation by 10% instead.

 2D4709

 2D4709

 FFFFF1

 173000

 5E7839

 001D00

 779150

 000000

 91AC69

 ADC783

 C8E39D

 E5FFB9

 FFFFD4

 2D4709

 2D4709

■ 2A4702

■ 304710

■ 294700

■ 334717

■ 36471E

■ 394725

■ 3C472D

■ 3F4734

■ 42473B

■ 454742

■ 484749

Harmonies

Analogous

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



4B4000



2D4709



004B25

Triad

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



2D4709



004973



72223E

Complementary

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



2D4709



230947

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.



65295A



2D4709



004279

Square

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



2D4709



004D5F



443770



702822

Rectangle

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



2D4709



004D38



443770



702347

Sweetspot

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



2D4709



525C44



472309



282E20



ADADAD



2E2E2E

Same Dimension

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



2D4709



355C00



0E4709



222420



3A6300



84E300

Inverse Universe

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



230947



26005C



420947



222024



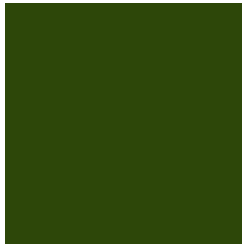
2A0063



5F00E3

Previews

White Background



This preview shows how the Hex color 2D4709 looks on a white background.

Color Contrast Check

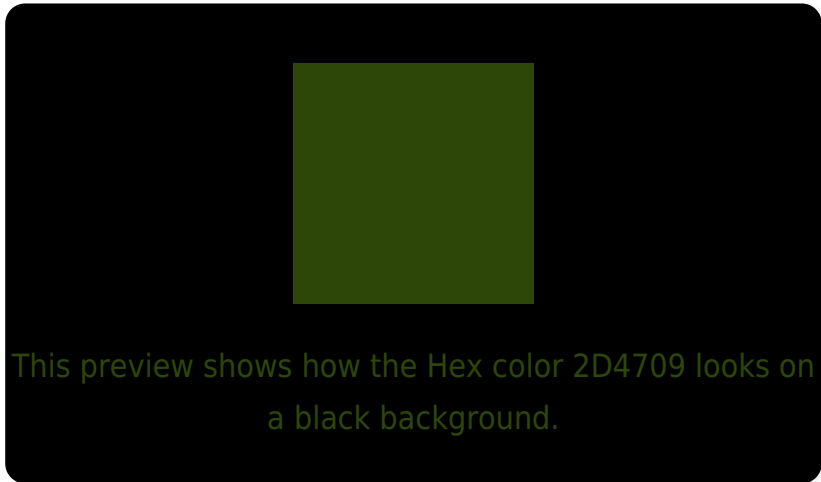
Large Text (above 18pt) WCAG AA ✓ Pass

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

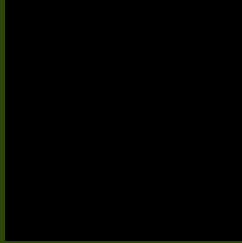
Any Text WCAG AA × Fail

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 2D4709 Background



This preview shows how black text looks on a background with the Hex color 2D4709.



This preview shows how white text looks on a background with the Hex color 2D4709.

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
2D4709

Protanopia
484007

Deuteranopia
503C10



Tritanopia
344247

Trichromacy



Original Color
2D4709

Protanomaly
3E4308

Deuteranomaly
43400D

Tritanomaly
314430

Monochromacy



Original Color
2D4709

Achromatopsia
383838

Achromatomaly
343D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4709 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 #2D4709 looks like.

```
.text, #text, p{  
    color:#2D4709  
}
```

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 #2D4709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4709
}
```

Border

The CSS property to change the border of an element to Hex 2D4709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

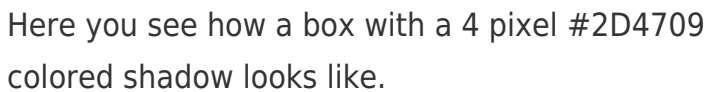
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D4709 }
```

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

```
.border{ border-color:#2D4709 }
```

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



Here you see how a box with a 4 pixel #2D4709 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4709; -webkit-box-shadow:4px 4px  
4px 4px #2D4709; box-shadow:4px 4px 4px  
4px #2D4709 }
```

Background

The CSS property to change the background color of an element to Hex 2D4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4709 }
```

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

```
.background{ background-color:#2D4709 }
```

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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