

Converting Colors

Hex(2D3007)

Have a look what the booklet for
Hex(2D3007) contains.

Hex(2D3007)	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(2D3007)

Conversions

Conversions Part 1

Format	Color
Hex	2D3007
RGB	45, 48, 7
RGB Percent	18%, 19%, 3%
CMY	0.8235, 0.8118, 0.9725
CMYK	0.06, 0.00, 0.85, 0.81
HSL	64°, 75%, 11%
HSV	64°, 85%, 19%
XYZ	2.1775, 2.6871, 0.6049
YIQ	42.4290, 11.3730, -13.3870

Conversions

Conversions Part 2

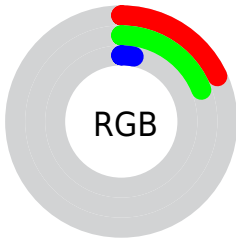
Format	Color
R_{YB}	7, 48, 10
Decimal	2961415
CIE Lab	18.74, -7.75, 23.67
CIE LCh	19, 24.904, 108.142
Yxy	2.6871, 0.3981, 0.4913
Android (android.graphics.Color)	4281151495 (0xFF2D3007)
YUV	42.4290, -17.4665, 2.2548
Hunter-Lab	16.3925, -4.9758, 9.2868

Details

The Hex color **2D3007** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0730**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C5E34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D3002**, and if you desaturate by 10%, it is **2D300C**.

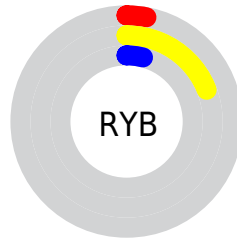
Distribution



Red (18%)

Green (19%)

Blue (3%)



Red (3%)

Yellow (19%)

Blue (4%)

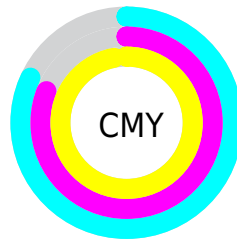


Cyan (6%)

Magenta (0%)

Yellow (85%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3007 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 2D3007 by changing the saturation by 10% instead.

 2D3007

 2D3007

 FFFFE9

 171B00

 5C5E34

 000000

 75774B

 8F9063

 AAAB7D

 C6C697

 E2E2B2

 FFFECD

 2D3007

 2D3007

■ 2D3002

■ 2D300C

■ 2C3000

■ 2E3011

■ 2E3015

■ 2E301A

■ 2F301F

■ 2F3024

■ 2F3029

■ 30302D

■ 303032

Harmonies

Analogous

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



3E2A06



2D3007



183414

Triad

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



2D3007



003548



4B1E36

Complementary

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



2D3007



0A0730

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.



3C2446



2D3007



003251

Square

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



2D3007



003638



212C50



4F1E23

Rectangle

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



2D3007



00351F



212C50



47203B

Sweetspot

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



2D3007



3C3D2D



300A07



1E1F15



9E9E9E



1F1F1F

Same Dimension

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



2D3007



393D00



193007



171715



505700



C7D600

Inverse Universe

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



0A0730



04003D



1E0730



151517



060057



1000D6

Previews

White Background



This preview shows how the Hex color 2D3007 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

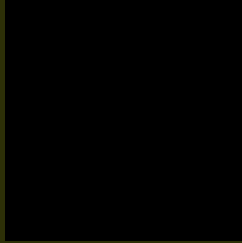
Any Text WCAG AA × Fail

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 2D3007 Background



This preview shows how black text looks on a background with the Hex color 2D3007.



This preview shows how white text looks on a background with the Hex color 2D3007.

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
2D3007

Protanopia
342E06

Deuteranopia
3A2B0A



Tritanopia
302D30

Trichromacy



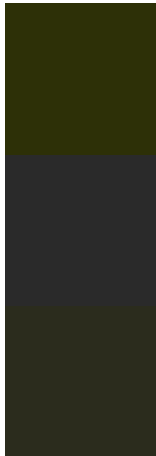
Original Color
2D3007

Protanomaly
312F06

Deuteranomaly
352D09

Tritanomaly
2F2E21

Monochromacy



Original Color
2D3007

Achromatopsia
2A2A2A

Achromatomaly
2B2C1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3007 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 #2D3007 looks like.

```
.text, #text, p{  
    color:#2D3007  
}
```

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 #2D3007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3007
}
```

Border

The CSS property to change the border of an element to Hex 2D3007 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
#2D3007 }
```

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

```
.border{ border-color:#2D3007 }
```

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

Here you see how a box with a 4 pixel #2D3007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3007; -webkit-box-shadow:4px 4px  
4px 4px #2D3007; box-shadow:4px 4px 4px  
4px #2D3007 }
```

Background

The CSS property to change the background color of an element to Hex 2D3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3007 }
```

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

```
.background{ background-color:#2D3007 }
```

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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