

Converting Colors

Hex(2D3100)

Have a look what the booklet for
Hex(2D3100) contains.

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Color

Hex(2D3100)

Conversions

Conversions Part 1

Format	Color
Hex	2D3100
RGB	45, 49, 0
RGB Percent	18%, 19%, 0%
CMY	0.8235, 0.8078, 1.0000
CMYK	0.08, 0.00, 1.00, 0.81
HSL	65°, 100%, 10%
HSV	65°, 100%, 19%
XYZ	2.1805, 2.7545, 0.4167
YIQ	42.2180, 13.3450, -16.0870

Conversions

Conversions Part 2

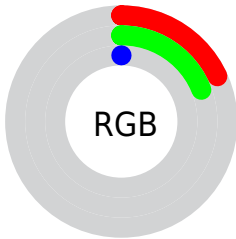
Format	Color
RYB	0, 49, 4
Decimal	2961664
CIELab	19.03, -8.93, 26.85
CIELCh	19, 28.300, 108.395
Yxy	2.7545, 0.4074, 0.5147
Android (android.graphics.Color)	4281151744 (0xFF2D3100)
YUV	42.2180, -20.8135, 2.4398
Hunter-Lab	16.5967, -5.5927, 10.1289

Details

The Hex color **2D3100** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **040031**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5C5F2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D3100**, and if you desaturate by 10%, it is **2D3105**.

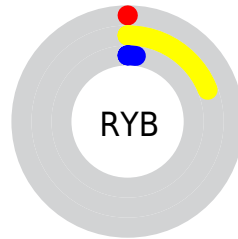
Distribution



Red (18%)

Green (19%)

Blue (0%)



Red (0%)

Yellow (19%)

Blue (2%)

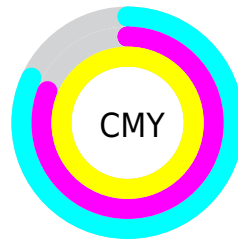


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3100 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 2D3100 by changing the saturation by 10% instead.

 2D3100

 2D3100

 FFFFE4

 161C00

 5C5F2F

 000000

 767846

 90915E

 ABAC77

 C6C791

 E2E3AC

 FFFFC8

 2D3100

■ 2D3105

■ 2E310A

■ 2E310F

■ 2F3114

■ 2F3119

■ 2F311D

■ 303122

■ 303127

■ 31312C

Harmonies

Analogous

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



402A00



2D3100



133511

Triad

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



2D3100



00374D



4F1B37

Complementary

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



2D3100



040031

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.



3F234A



2D3100



003356

Square

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



2D3100



00383B



1F2C55



531B22

Rectangle

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



2D3100



00371E



1F2C55



4B1D3E

Sweetspot

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



2D3100



3E402D



310300



202115



A1A1A1



212121

Same Dimension

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



2D3100



3B4000



153100



191A17



525900



C7D900

Inverse Universe

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



040031



050040



1C0031



17171A



070059



1200D9

Previews

White Background



This preview shows how the Hex color 2D3100 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

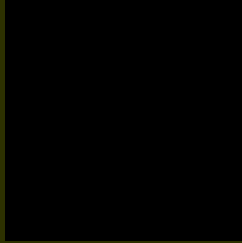
Any Text WCAG AA × Fail

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 2D3100 Background



This preview shows how black text looks on a background with the Hex color 2D3100.



This preview shows how white text looks on a background with the Hex color 2D3100.

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
2D3100

Protanopia
342F00

Deuteranopia
3B2C08



Tritanopia
312E31

Trichromacy



Original Color
2D3100

Protanomaly
313000

Deuteranomaly
362E05

Tritanomaly
302F1F

Monochromacy



Original Color
2D3100

Achromatopsia
2A2A2A

Achromatomaly
2B2D1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3100 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 #2D3100 looks like.

```
.text, #text, p{  
    color:#2D3100  
}
```

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 #2D3100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3100
}
```

Border

The CSS property to change the border of an element to Hex 2D3100 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
#2D3100 }
```

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

```
.border{ border-color:#2D3100 }
```

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

Here you see how a box with a 4 pixel #2D3100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3100; -webkit-box-shadow:4px 4px  
4px 4px #2D3100; box-shadow:4px 4px 4px  
4px #2D3100 }
```

Background

The CSS property to change the background color of an element to Hex 2D3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3100 }
```

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

```
.background{ background-color:#2D3100 }
```

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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