

Converting Colors

Hex(2D3029)

Have a look what the booklet for
Hex(2D3029) contains.

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Color

Hex(2D3029)

Conversions

Conversions Part 1

Format	Color
Hex	2D3029
RGB	45, 48, 41
RGB Percent	18%, 19%, 16%
CMY	0.8235, 0.8118, 0.8392
CMYK	0.06, 0.00, 0.15, 0.81
HSL	86°, 8%, 17%
HSV	86°, 15%, 19%
XYZ	2.5394, 2.8319, 2.5106
YIQ	46.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

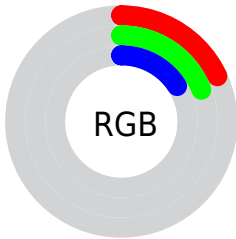
Format	Color
R_{YB}	41, 48, 44
Decimal	2961449
CIE _{Lab}	19.36, -2.93, 4.04
CIE _{LCh}	19, 4.988, 125.969
Yxy	2.8319, 0.3222, 0.3593
Android (android.graphics.Color)	4281151529 (0xFF2D3029)
YUV	46.3050, -2.6154, -1.1445
Hunter-Lab	16.8282, -2.5137, 2.9343

Details

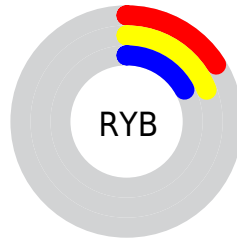
The Hex color **2D3029** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2930**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5B5E56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B3024**, and if you desaturate by 10%, it is **2F302E**.

Distribution



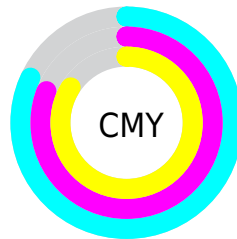
- Red (18%)
- Green (19%)
- Blue (16%)



- Red (16%)
- Yellow (19%)
- Blue (17%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (81%)



- Cyan (82%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3029 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 2D3029 by changing the saturation by 10% instead.

■ 2D3029

■ 2D3029

FFFFFF

■ 181B15

■ 5B5E56

■ 000000

■ 73776E

■ 8D9088

■ A7ABA2

■ C2C6BD

■ DEE2D9

■ FBFFF5

■ 2D3029

■ 2D3029

■ 2B3024

■ 2F302E

■ 29301F

■ 313033

■ 27301B

■ 333037

■ 253016

■ 35303C

■ 233011

■ 373041

■ 21300C

■ 393046

■ 1F3007

■ 3B304B

■ 1D3003

■ 3D304F

■ 1B3000

■ 403054

Harmonies

Analogous

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



312F28



2D3029



29312C

Triad

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



2D3029



283035



362C2E

Complementary

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



2D3029



2C2930

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.



342D32



2D3029



2C2F36

Square

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



2D3029



263133



312E35



372D2B

Rectangle

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



2D3029



27312E



312E35



362C30

Sweetspot

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



2D3029



3C3D3B



302C29



1E1F1D



9E9E9E



1F1F1F

Same Dimension

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



2D3029



383D32



2A3029



161715



325700



7AD600

Inverse Universe

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



2C2930



37323D



2F2930



161517



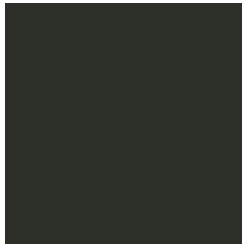
250057



5C00D6

Previews

White Background



This preview shows how the Hex color 2D3029 looks on a white background.

Color Contrast Check

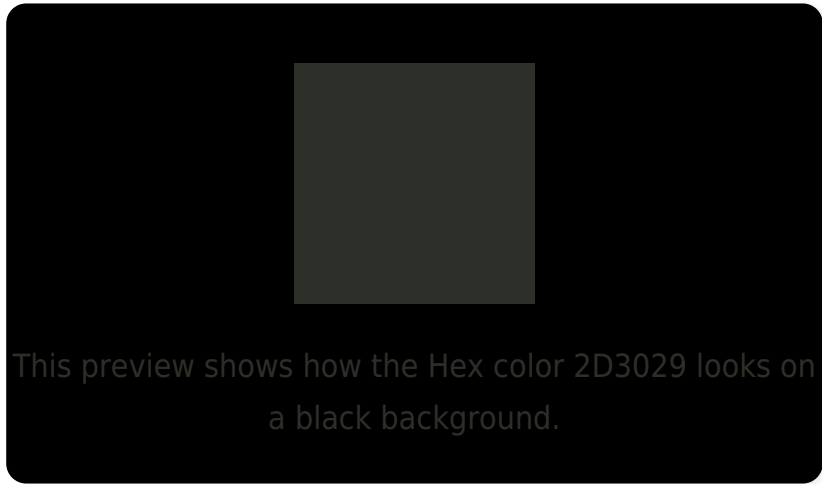
Large Text (above 18pt) WCAG AA ✓ Pass

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

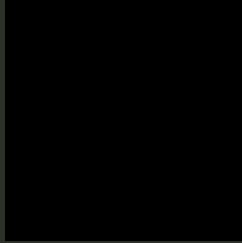
Any Text WCAG AA × Fail

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 2D3029 Background



This preview shows how black text looks on a background with the Hex color 2D3029.



This preview shows how white text looks on a background with the Hex color 2D3029.

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
2D3029

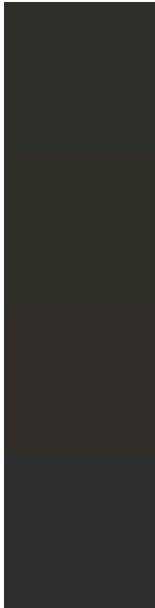
Protanopia
312F28

Deuteranopia
352D2A



Tritanopia
2E2F32

Trichromacy



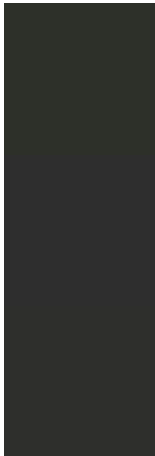
Original Color
2D3029

Protanomaly
302F28

Deuteranomaly
322E2A

Tritanomaly
2E2F2F

Monochromacy



Original Color
2D3029

Achromatopsia
2E2E2E

Achromatomaly
2E2F2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3029 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 #2D3029 looks like.

```
.text, #text, p{  
    color:#2D3029  
}
```

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 #2D3029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3029
}
```

Border

The CSS property to change the border of an element to Hex 2D3029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

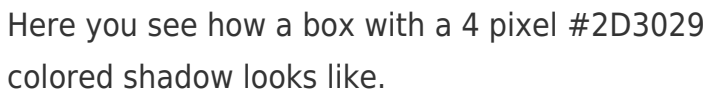
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3029 }
```

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

```
.border{ border-color:#2D3029 }
```

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



Here you see how a box with a 4 pixel #2D3029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3029; -webkit-box-shadow:4px 4px  
4px 4px #2D3029; box-shadow:4px 4px 4px  
4px #2D3029 }
```

Background

The CSS property to change the background color of an element to Hex 2D3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3029 }
```

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

```
.background{ background-color:#2D3029 }
```

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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