

Converting Colors

Hex(2D3025)

Have a look what the booklet for
Hex(2D3025) contains.

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Color

Hex(2D3025)

Conversions

Conversions Part 1

Format	Color
Hex	2D3025
RGB	45, 48, 37
RGB Percent	18%, 19%, 15%
CMY	0.8235, 0.8118, 0.8549
CMYK	0.06, 0.00, 0.23, 0.81
HSL	76°, 13%, 17%
HSV	76°, 23%, 19%
XYZ	2.4731, 2.8054, 2.1614
YIQ	45.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

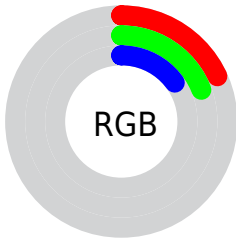
Format	Color
RYB	37, 48, 40
Decimal	2961445
CIELab	19.25, -3.76, 6.62
CIElCh	19, 7.613, 119.635
Yxy	2.8054, 0.3324, 0.3771
Android (android.graphics.Color)	4281151525 (0xFF2D3025)
YUV	45.8490, -4.3626, -0.7446
Hunter-Lab	16.7492, -2.9551, 4.0734

Details

The Hex color **2D3025** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282530**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5B5E52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C3020**, and if you desaturate by 10%, it is **2E302A**.

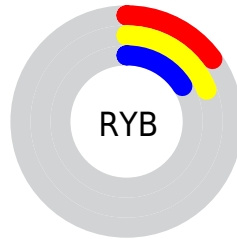
Distribution



Red (18%)

Green (19%)

Blue (15%)



Red (15%)

Yellow (19%)

Blue (16%)

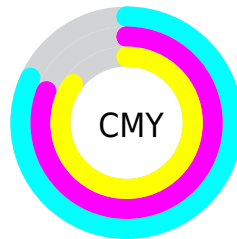


Cyan (6%)

Magenta (0%)

Yellow (23%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3025 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 2D3025 by changing the saturation by 10% instead.

■ 2D3025

■ 2D3025

FFFFFF

■ 191B10

■ 5B5E52

■ 000000

■ 73776A

■ 8D9083

■ A7AB9D

■ C2C6B8

■ DEE2D4

■ FBFFF0

■ 2D3025

■ 2D3025

■ 2C3020

■ 2E302A

■ 2A301B

■ 30302F

■ 293017

■ 313033

■ 283012

■ 323038

■ 26300D

■ 34303D

■ 253008

■ 353042

■ 243003

■ 363047

■ 233000

■ 37304B

■ 393050

Harmonies

Analogous

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



332E24



2D3025



273129

Triad

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



2D3025



223138



3A2B2F

Complementary

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



2D3025



282530

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.



362C34



2D3025



282F3A

Square

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



2D3025



203234



302D38



3A2B29

Rectangle

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



2D3025



23322C



302D38



392B31

Sweetspot

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



2D3025



3C3D39



302825



1E1F1C



9E9E9E



1F1F1F

Same Dimension

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



2D3025



393D2C



283025



161715



3F5700



9CD600

Inverse Universe

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



282530



312C3D



2D2530



151517



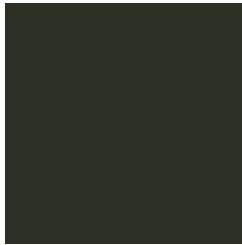
180057



3A00D6

Previews

White Background



This preview shows how the Hex color 2D3025 looks on a white background.

Color Contrast Check

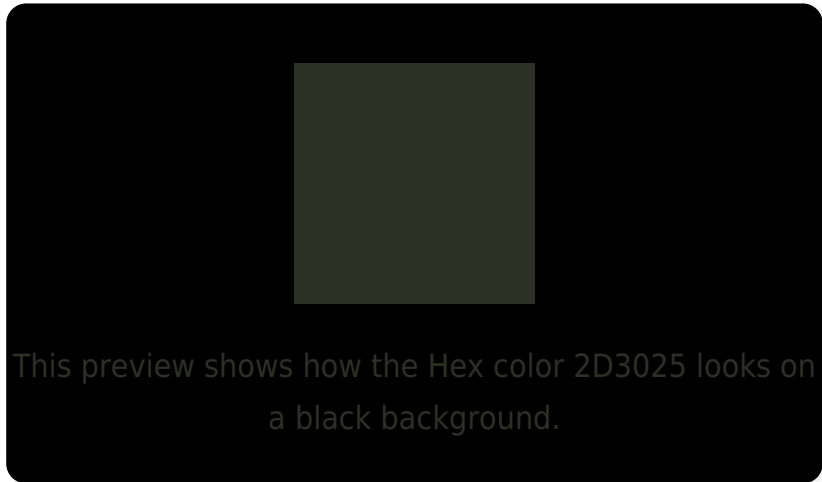
Large Text (above 18pt) WCAG AA ✓ Pass

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

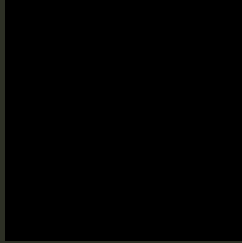
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

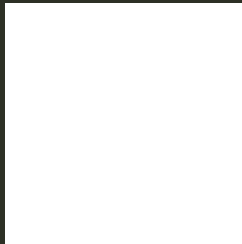
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D3025 Background



This preview shows how black text looks on a background with the Hex color 2D3025.

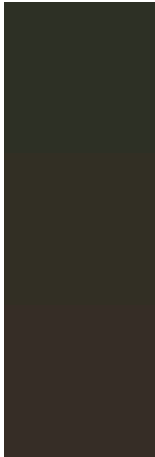


This preview shows how white text looks on a background with the Hex color 2D3025.

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
2D3025

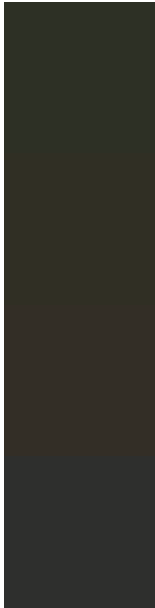
Protanopia
322F24

Deuteranopia
362D26



Tritanopia
2F2E32

Trichromacy



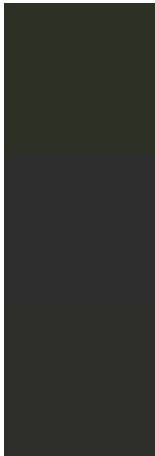
Original Color
2D3025

Protanomaly
302F24

Deuteranomaly
332E26

Tritanomaly
2E2F2D

Monochromacy



Original Color
2D3025

Achromatopsia
2E2E2E

Achromatomaly
2E2F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3025 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 #2D3025 looks like.

```
.text, #text, p{  
    color:#2D3025  
}
```

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 #2D3025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3025
}
```

Border

The CSS property to change the border of an element to Hex 2D3025 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
#2D3025 }
```

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

```
.border{ border-color:#2D3025 }
```

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

Here you see how a box with a 4 pixel #2D3025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3025; -webkit-box-shadow:4px 4px  
4px 4px #2D3025; box-shadow:4px 4px 4px  
4px #2D3025 }
```

Background

The CSS property to change the background color of an element to Hex 2D3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3025 }
```

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

```
.background{ background-color:#2D3025 }
```

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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