

Converting Colors

Hex(2D3F21)

Have a look what the booklet for
Hex(2D3F21) contains.

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Color

Hex(2D3F21)

Conversions

Conversions Part 1

Format	Color
Hex	2D3F21
RGB	45, 63, 33
RGB Percent	18%, 25%, 13%
CMY	0.8235, 0.7529, 0.8706
CMYK	0.29, 0.00, 0.48, 0.75
HSL	96°, 31%, 19%
HSV	96°, 48%, 25%
XYZ	3.1342, 4.2227, 2.0887
YIQ	54.1980, -1.0980, -13.1460

Conversions

Conversions Part 2

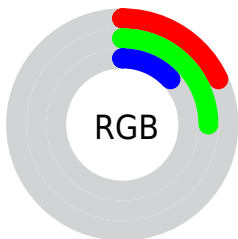
Format	Color
R_{YB}	33, 63, 51
Decimal	2965281
CIE Lab	24.39, -13.78, 16.11
CIE LCh	24, 21.195, 130.543
Yxy	4.2227, 0.3318, 0.4471
Android (android.graphics.Color)	4281155361 (0xFF2D3F21)
YUV	54.1980, -10.4506, -8.0666
Hunter-Lab	20.5492, -8.7360, 8.3580

Details

The Hex color **2D3F21** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **33213F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5C6F4E**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **293F1B**, and if you desaturate by 10%, it is **313F27**.

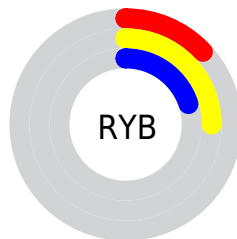
Distribution



Red (18%)

Green (25%)

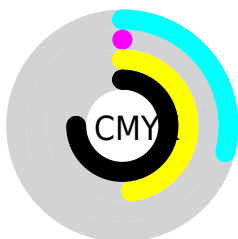
Blue (13%)



Red (13%)

Yellow (25%)

Blue (20%)

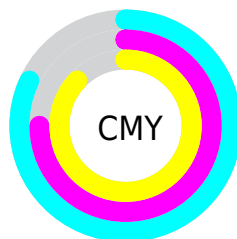


Cyan (29%)

Magenta (0%)

Yellow (48%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3F21 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 2D3F21 by changing the saturation by 10% instead.

■ 2D3F21

■ 2D3F21

FFFFFF

■ 18290B

■ 5C6F4E

■ 001600

■ 748866

■ 000000

■ 8EA27F

■ A9BD99

■ C4D9B4

■ E0F6CF

■ FDF FEC

■ 2D3F21

■ 2D3F21

■ 293F1B

■ 313F27

■ 253F14

■ 353F2E

■ 223F0E

■ 383F34

■ 1E3F08

■ 3C3F3A

■ 1A3F02

■ 403F41

■ 193F00

■ 443F47

■ 473F4D

■ 4B3F53

■ 4F3F5A

Harmonies

Analogous

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



3E3B1A



2D3F21



17412F

Triad

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



2D3F21



043E58



582D35

Complementary

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



2D3F21



33213F

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.



522F45



2D3F21



2B3A59

Square

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



2D3F21



00414E



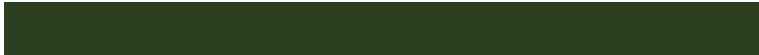
433452



563026

Rectangle

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



2D3F21



00423A



433452



572D3A

Sweetspot

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



2D3F21



4B5246



3F3321



252922



A8A8A8



292929

Same Dimension

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



2D3F21



365223



213F24



1D1F1C



265E00



59DE00

Inverse Universe

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



33213F



3F2352



3F213C



1D1C1F



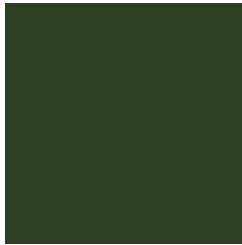
39005E



8500DE

Previews

White Background



This preview shows how the Hex color 2D3F21 looks on a white background.

Color Contrast Check

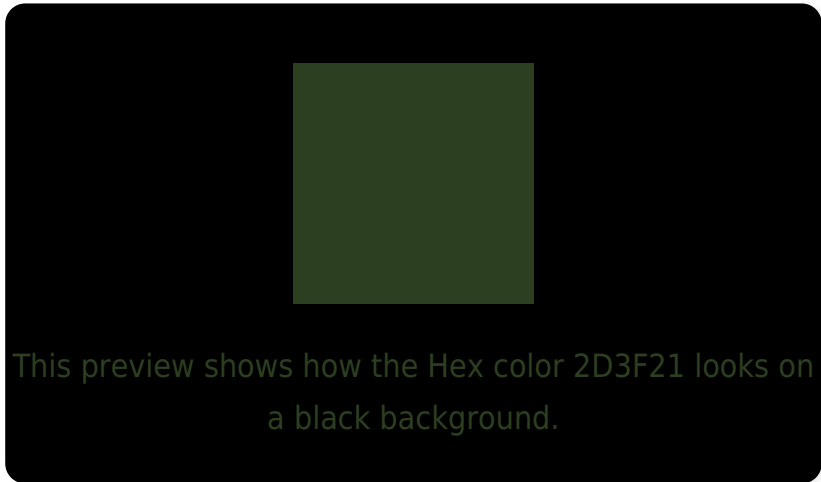
Large Text (above 18pt) WCAG AA ✓ Pass

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

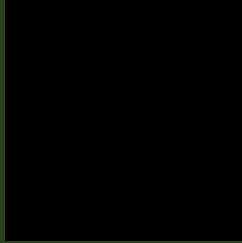
Any Text WCAG AA × Fail

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 2D3F21 Background



This preview shows how black text looks on a background with the Hex color 2D3F21.



This preview shows how white text looks on a background with the Hex color 2D3F21.

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](#).

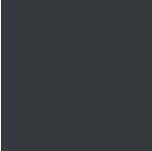
Dichromacy



Original Color
2D3F21

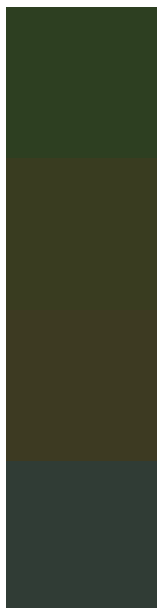
Protanopia
403A1F

Deuteranopia
463723



Tritanopia
323B40

Trichromacy



Original Color

2D3F21

Protanomaly

393C20

Deuteranomaly

3D3A22

Tritanomaly

303C35

Monochromacy



Original Color

2D3F21

Achromatopsia

363636

Achromatomaly

33392E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3F21 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 #2D3F21 looks like.

```
.text, #text, p{  
    color:#2D3F21  
}
```

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 #2D3F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3F21
}
```

Border

The CSS property to change the border of an element to Hex 2D3F21 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
#2D3F21 }
```

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

```
.border{ border-color:#2D3F21 }
```

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

Here you see how a box with a 4 pixel #2D3F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3F21; -webkit-box-shadow:4px 4px  
4px 4px #2D3F21; box-shadow:4px 4px 4px  
4px #2D3F21 }
```

Background

The CSS property to change the background color of an element to Hex 2D3F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3F21 }
```

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

```
.background{ background-color:#2D3F21 }
```

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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