

Converting Colors

Hex(2D1321)

Have a look what the booklet for
Hex(2D1321) contains.

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Color

Hex(2D1321)

Conversions

Conversions Part 1

Format	Color
Hex	2D1321
RGB	45, 19, 33
RGB Percent	18%, 7%, 13%
CMY	0.8235, 0.9255, 0.8706
CMYK	0.00, 0.58, 0.27, 0.82
HSL	328°, 41%, 13%
HSV	328°, 58%, 18%
XYZ	1.5896, 1.1334, 1.5738
YIQ	28.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

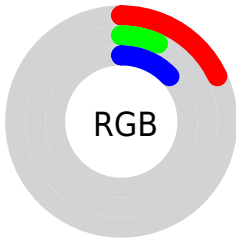
Format	Color
RYB	45, 19, 33
Decimal	2954017
CIELab	10.06, 15.55, -3.79
CIElCh	10, 16.006, 346.292
Yxy	1.1334, 0.3699, 0.2638
Android (android.graphics.Color)	4281144097 (0xFF2D1321)
YUV	28.3700, 2.2826, 14.5845
Hunter-Lab	10.6463, 8.0204, -1.3124




Details

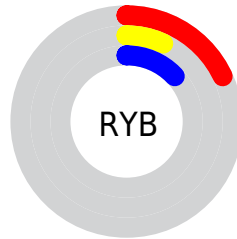
The Hex color **2D1321** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **132D1F**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **5C3E4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0F1F**, and if you desaturate by 10%, it is **2D1723**.

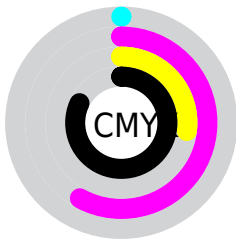
Distribution







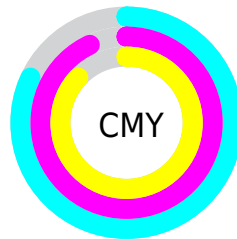
-  Red (18%)
-  Green (7%)
-  Blue (13%)






-  Red (18%)
-  Yellow (7%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (58%)
-  Yellow (27%)
-  Black (82%)



-  Cyan (82%)
-  Magenta (93%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1321 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 2D1321 by changing the saturation by 10% instead.

 2D1321

 2D1321

 FFF5FF

 1B000A

 5C3E4D

 000000

 755665

 8F6E7E

 A98898

 C5A2B3

 E1BDCE

 FDD9EA

 2D1321

 2D1321

■ 2D0F1F

■ 2D1723

■ 2D0A1D

■ 2D1C25

■ 2D051B

■ 2D2127

■ 2D0119

■ 2D2529

■ 2D0018

■ 2D2A2B

■ 2D2E2D

■ 2D3330

■ 2D3732

■ 2D3C34

Harmonies

Analogous

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



24162B



2D1321



301316

Triad

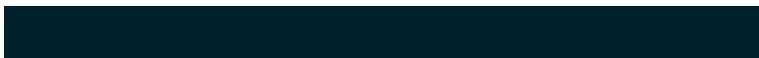
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D1321



1E1D00



00202B

Complementary

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



2D1321



132D1F

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.



002121



2D1321



111F09

Square

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



2D1321



271900



002116



001E30

Rectangle

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



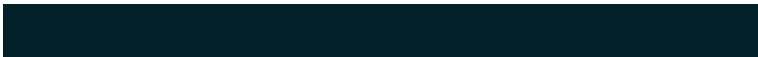
2D1321



2F140E



002116



002128

Sweetspot

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



2D1321



3B3136



1F132D



1F181C



9E9E9E



1F1F1F

Same Dimension

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



2D1321



3B1228



2D1314



171516



57002F



D60073

Inverse Universe

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



2D1321



3B1228



132D2C



171516



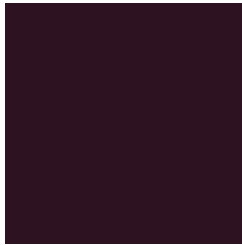
57002F



D60073

Previews

White Background



This preview shows how the Hex color 2D1321 looks on a white background.

Color Contrast Check

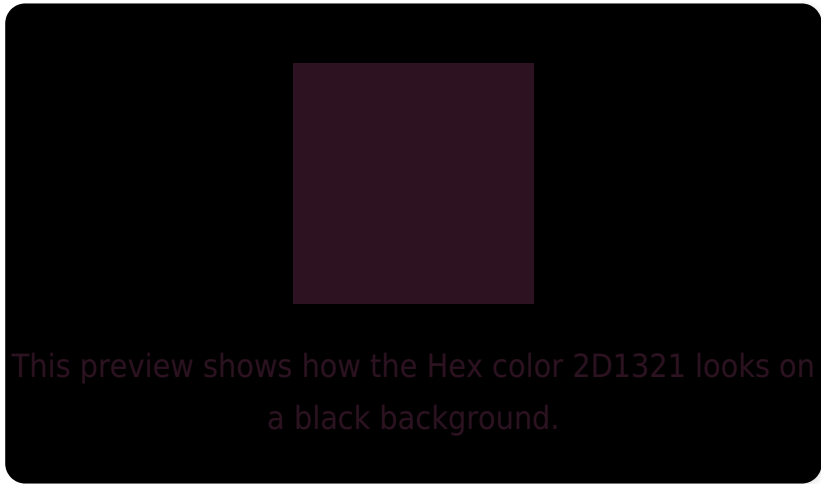
Large Text (above 18pt) WCAG AA ✓ Pass

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

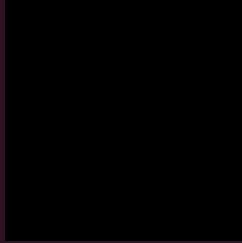
Any Text WCAG AA × Fail

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 2D1321 Background



This preview shows how black text looks on a background with the Hex color 2D1321.



This preview shows how white text looks on a background with the Hex color 2D1321.

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
2D1321

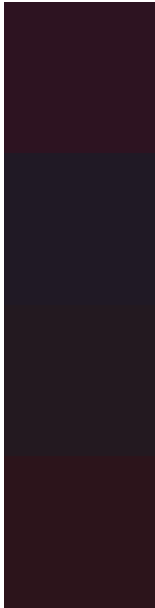
Protanopia
191C27

Deuteranopia
1E1C20



Tritanopia
2C1517

Trichromacy



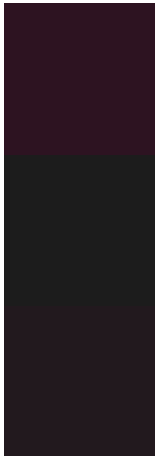
Original Color
2D1321

Protanomaly
201925

Deuteranomaly
231920

Tritanomaly
2C141B

Monochromacy



Original Color
2D1321

Achromatopsia
1C1C1C

Achromatomaly
22191E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1321 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 #2D1321 looks like.

```
.text, #text, p{  
    color:#2D1321  
}
```

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 #2D1321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1321
}
```

Border

The CSS property to change the border of an element to Hex 2D1321 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
#2D1321 }
```

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

```
.border{ border-color:#2D1321 }
```

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

Here you see how a box with a 4 pixel #2D1321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1321; -webkit-box-shadow:4px 4px  
4px 4px #2D1321; box-shadow:4px 4px 4px  
4px #2D1321 }
```

Background

The CSS property to change the background color of an element to Hex 2D1321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1321 }
```

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

```
.background{ background-color:#2D1321 }
```

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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