

Converting Colors

Hex(2D1421)

Have a look what the booklet for
Hex(2D1421) contains.

Hex(2D1421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D1421)

Conversions

Conversions Part 1

Format	Color
Hex	2D1421
RGB	45, 20, 33
RGB Percent	18%, 8%, 13%
CMY	0.8235, 0.9216, 0.8706
CMYK	0.00, 0.56, 0.27, 0.82
HSL	329°, 38%, 13%
HSV	329°, 56%, 18%
XYZ	1.6069, 1.1680, 1.5796
YIQ	28.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

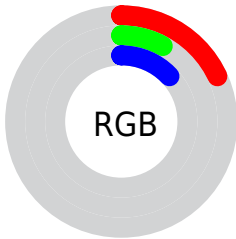
Format	Color
R_{YB}	45, 20, 33
Decimal	2954273
CIE _{Lab}	10.32, 14.88, -3.40
CIE _{LCh}	10, 15.265, 347.130
Yxy	1.1680, 0.3690, 0.2682
Android (android.graphics.Color)	4281144353 (0xFF2D1421)
YUV	28.9570, 1.9932, 14.0697
Hunter-Lab	10.8074, 7.6265, -1.1005

Details

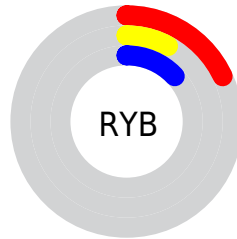
The Hex color **2D1421** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **142D20**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5C3F4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D101F**, and if you desaturate by 10%, it is **2D1923**.

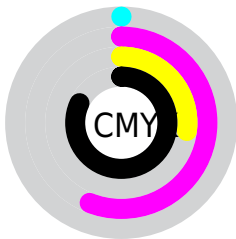
Distribution



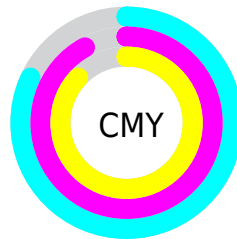
- Red (18%)
- Green (8%)
- Blue (13%)



- Red (18%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (56%)
- Yellow (27%)
- Black (82%)



- Cyan (82%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1421 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 2D1421 by changing the saturation by 10% instead.

■ 2D1421

■ 2D1421

■ FFF6FF

■ 1B000A

■ 5C3F4D

■ 000000

■ 755765

■ 8E6F7E

■ A98998

■ C4A3B2

■ E1BECE

■ FDDAEA

■ 2D1421

■ 2D1421

■ 2D101F

■ 2D1923

■ 2D0B1D

■ 2D1D25

■ 2D061B

■ 2D2227

■ 2D0218

■ 2D262A

■ 2D0017

■ 2D2B2C

■ 2D2F2E

■ 2D3430

■ 2D3832

■ 2D3D34

Harmonies

Analogous

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



24172A



2D1421



301417

Triad

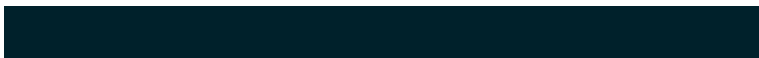
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D1421



1E1D02



00212B

Complementary

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



2D1421



142D20

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.



002122



2D1421



11200C

Square

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



2D1421



271A01



012117



001E30

Rectangle

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



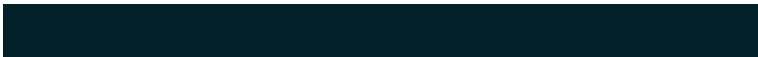
2D1421



2F150F



012117



002128

Sweetspot

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



2D1421



3B3136



20142D



1F181C



9E9E9E



1F1F1F

Same Dimension

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



2D1421



3B1328



2D1415



171516



57002D



D6006F

Inverse Universe

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



2D1421



3B1328



142D2C



171516



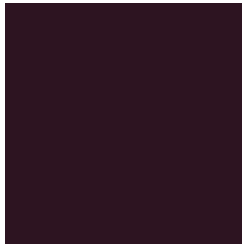
57002D



D6006F

Previews

White Background



This preview shows how the Hex color 2D1421 looks on a white background.

Color Contrast Check

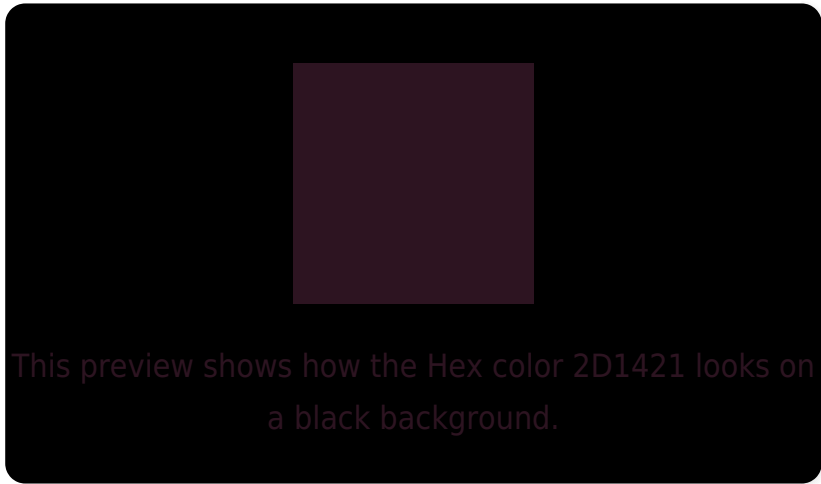
Large Text (above 18pt) WCAG AA ✓ Pass

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

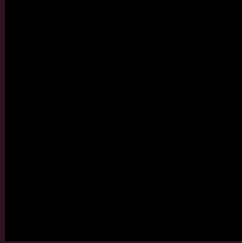
Any Text WCAG AA × Fail

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 2D1421 Background



This preview shows how black text looks on a background with the Hex color 2D1421.



This preview shows how white text looks on a background with the Hex color 2D1421.

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](#).

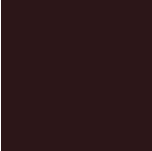
Dichromacy



Original Color
2D1421

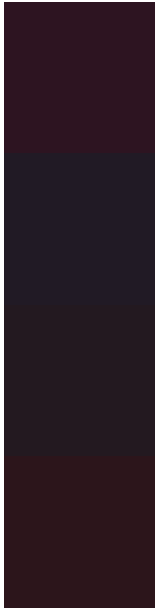
Protanopia
1A1D27

Deuteranopia
1E1C20



Tritanopia
2C1618

Trichromacy



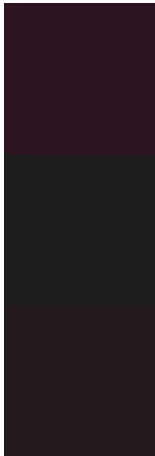
Original Color
2D1421

Protanomaly
211A25

Deuteranomaly
231920

Tritanomaly
2C151B

Monochromacy



Original Color
2D1421

Achromatopsia
1D1D1D

Achromatomaly
231A1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1421 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 #2D1421 looks like.

```
.text, #text, p{  
    color:#2D1421  
}
```

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 #2D1421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1421
}
```

Border

The CSS property to change the border of an element to Hex 2D1421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

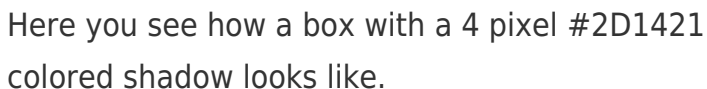
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1421 }
```

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

```
.border{ border-color:#2D1421 }
```

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



Here you see how a box with a 4 pixel #2D1421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1421; -webkit-box-shadow:4px 4px  
4px 4px #2D1421; box-shadow:4px 4px 4px  
4px #2D1421 }
```

Background

The CSS property to change the background color of an element to Hex 2D1421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1421 }
```

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

```
.background{ background-color:#2D1421 }
```

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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