

Converting Colors

Hex(2D1218)

Have a look what the booklet for
Hex(2D1218) contains.

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Color

Hex(2D1218)

Conversions

Conversions Part 1

Format	Color
Hex	2D1218
RGB	45, 18, 24
RGB Percent	18%, 7%, 9%
CMY	0.8235, 0.9294, 0.9059
CMYK	0.00, 0.60, 0.47, 0.82
HSL	347°, 43%, 12%
HSV	347°, 60%, 18%
XYZ	1.4634, 1.0564, 0.9909
YIQ	26.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

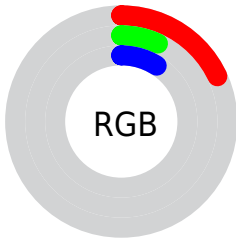
Format	Color
RYB	45, 18, 24
Decimal	2953752
CIELab	9.45, 14.68, 2.13
CIELCh	9, 14.829, 8.251
Yxy	1.0564, 0.4168, 0.3009
Android (android.graphics.Color)	4281143832 (0xFF2D1218)
YUV	26.7570, -1.3592, 15.9991
Hunter-Lab	10.2784, 7.4265, 1.4787

Details

The Hex color **2D1218** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **122D27**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **5C3D43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0E14**, and if you desaturate by 10%, it is **2D171B**.

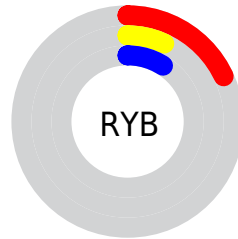
Distribution



Red (18%)

Green (7%)

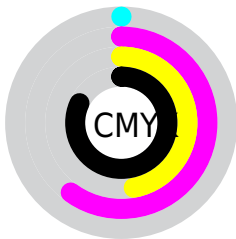
Blue (9%)



Red (18%)

Yellow (7%)

Blue (9%)

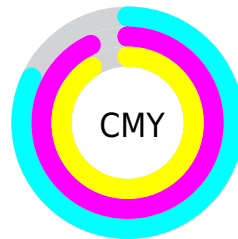


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (82%)



Cyan (82%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1218 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 2D1218 by changing the saturation by 10% instead.

 2D1218

 2D1218

 FFF4FA

 190001

 5C3D43

 000000

 75545A

 8F6D72

 AA868C

 C6A0A6

 E2BBC1

 FFD7DD

 2D1218

 2D1218

■ 2D0E14

■ 2D171B

■ 2D0911

■ 2D1B1F

■ 2D040D

■ 2D2022

■ 2D000A

■ 2D2426

■ 2D292A

■ 2D2D2D

■ 2D3231

■ 2D3634

■ 2D3B38

Harmonies

Analogous

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



291322



2D1218



2C140D

Triad

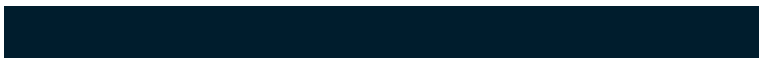
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D1218



141D06



001D2D

Complementary

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



2D1218



122D27

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.



001F26



2D1218



041F12

Square

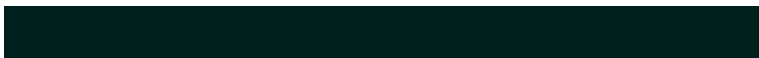
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2D1218



1F1B00



00201D



0F1B2E

Rectangle

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



2D1218



291604



00201D



001E2B

Sweetspot

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



2D1218



3B3032



27122D



1F1819



9E9E9E



1F1F1F

Same Dimension

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



2D1218



3B101A



2D1912



171515



570013



D60030

Inverse Universe

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



2D1218



3B101A



12262D



171515



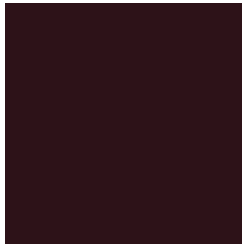
570013



D60030

Previews

White Background



This preview shows how the Hex color 2D1218 looks on a white background.

Color Contrast Check

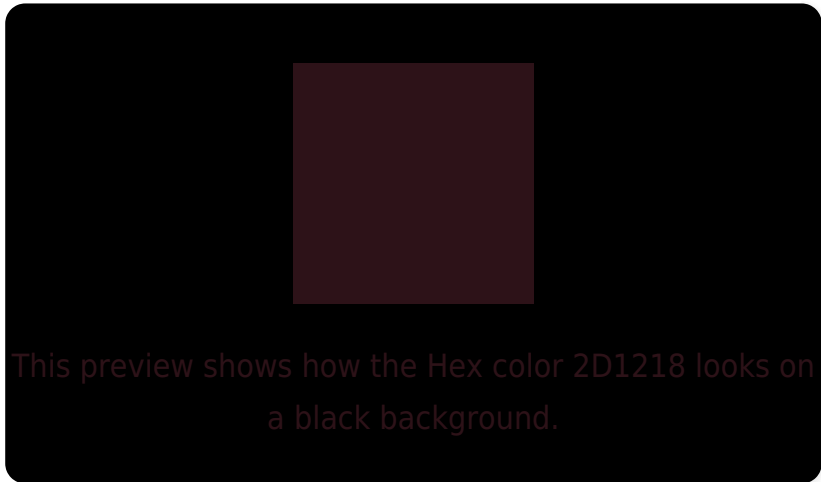
Large Text (above 18pt) WCAG AA ✓ Pass

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

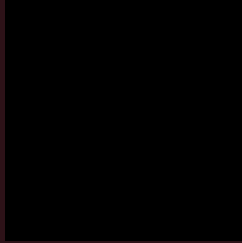
Any Text WCAG AA × Fail

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 2D1218 Background



This preview shows how black text looks on a background with the Hex color 2D1218.

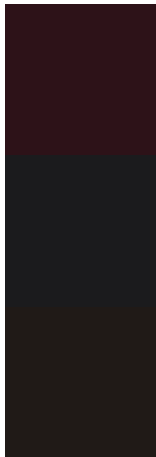


This preview shows how white text looks on a background with the Hex color 2D1218.

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](#).

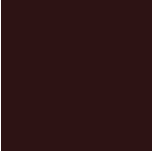
Dichromacy



Original Color
2D1218

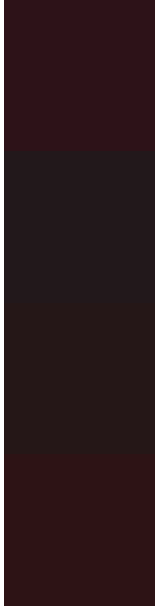
Protanopia
1B1B1D

Deuteranopia
201A17



Tritanopia
2D1314

Trichromacy



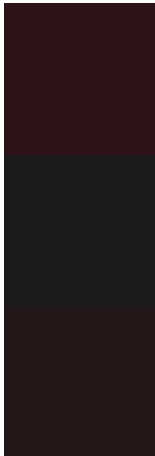
Original Color
2D1218

Protanomaly
22181B

Deuteranomaly
251717

Tritanomaly
2D1315

Monochromacy



Original Color
2D1218

Achromatopsia
1B1B1B

Achromatomaly
22181A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1218 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 #2D1218 looks like.

```
.text, #text, p{  
    color:#2D1218  
}
```

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 #2D1218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1218
}
```

Border

The CSS property to change the border of an element to Hex 2D1218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

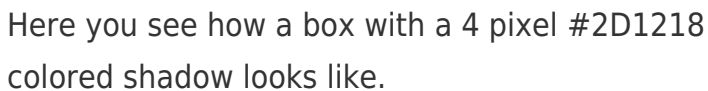
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1218 }
```

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

```
.border{ border-color:#2D1218 }
```

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



Here you see how a box with a 4 pixel #2D1218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1218; -webkit-box-shadow:4px 4px  
4px 4px #2D1218; box-shadow:4px 4px 4px  
4px #2D1218 }
```

Background

The CSS property to change the background color of an element to Hex 2D1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1218 }
```

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

```
.background{ background-color:#2D1218 }
```

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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