

Converting Colors

Hex(2D1115)

Have a look what the booklet for
Hex(2D1115) contains.

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Color

Hex(2D1115)

Conversions

Conversions Part 1

Format	Color
Hex	2D1115
RGB	45, 17, 21
RGB Percent	18%, 7%, 8%
CMY	0.8235, 0.9333, 0.9176
CMYK	0.00, 0.62, 0.53, 0.82
HSL	351°, 45%, 12%
HSV	351°, 62%, 18%
XYZ	1.4180, 1.0129, 0.8302
YIQ	25.8280, 15.4040, 7.1800

Conversions

Conversions Part 2

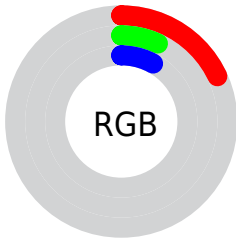
Format	Color
RYB	45, 17, 21
Decimal	2953493
CIELab	9.10, 14.90, 3.81
CIELCh	9, 15.384, 14.347
Yxy	1.0129, 0.4348, 0.3106
Android (android.graphics.Color)	4281143573 (0xFF2D1115)
YUV	25.8280, -2.3802, 16.8138
Hunter-Lab	10.0644, 7.5364, 2.1541

Details

The Hex color **2D1115** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **112D29**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5C3C3F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0C11**, and if you desaturate by 10%, it is **2D1619**.

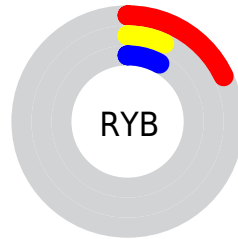
Distribution



Red (18%)

Green (7%)

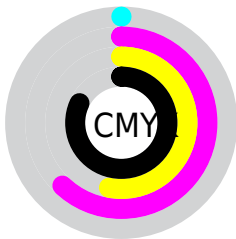
Blue (8%)



Red (18%)

Yellow (7%)

Blue (8%)

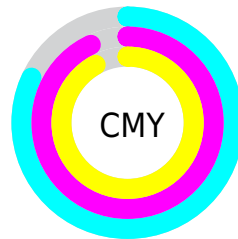


Cyan (0%)

Magenta (62%)

Yellow (53%)

Black (82%)



Cyan (82%)

Magenta (93%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1115 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 2D1115 by changing the saturation by 10% instead.

 2D1115

 2D1115

 FFF2F6

 170000

 5C3C3F

 000000

 765356

 906C6F

 AB8588

 C69FA2

 E2BABD

 FFD6D9

 2D1115

 2D1115

■ 2D0C11

■ 2D1619

■ 2D080D

■ 2D1A1D

■ 2D0309

■ 2D1F21

■ 2D0006

■ 2D2324

■ 2D2828

■ 2D2C2C

■ 2D3130

■ 2D3534

■ 2D3A38

Harmonies

Analogous

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



2A121F



2D1115



2B1308

Triad

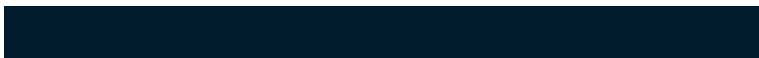
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D1115



101D06



001C2D

Complementary

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



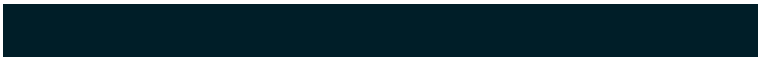
2D1115



112D29

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.



001E28



2D1115



001F14

Square

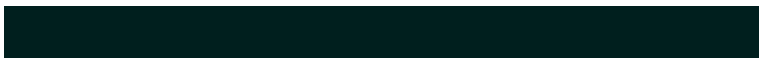
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2D1115



1D1B00



001F1E



11192E

Rectangle

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



2D1115



281600



001F1E



001D2C

Sweetspot

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



2D1115



3B3031



29112D



1F1819



9E9E9E



1F1F1F

Same Dimension

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



2D1115



3B0F15



2D1B11



171515



57000C



D6001F

Inverse Universe

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



2D1115



3B0F15



11232D



171515



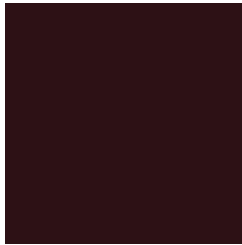
57000C



D6001F

Previews

White Background



This preview shows how the Hex color 2D1115 looks on a white background.

Color Contrast Check

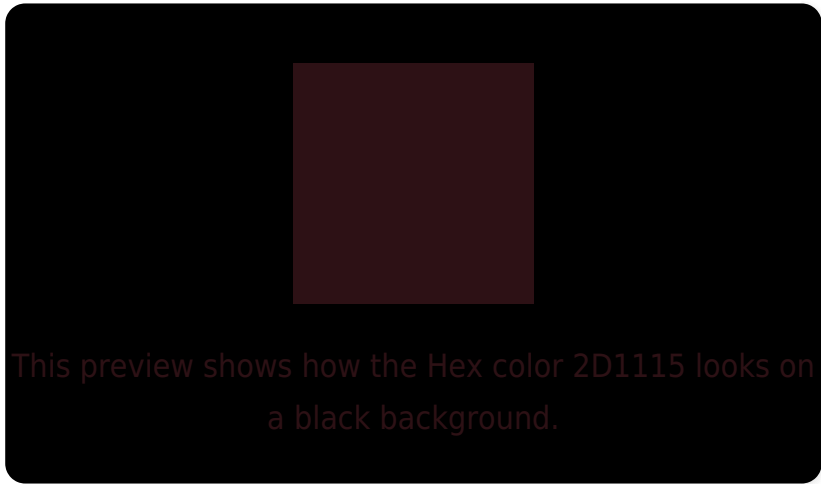
Large Text (above 18pt) WCAG AA ✓ Pass

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

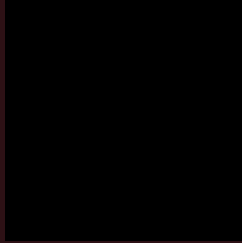
Any Text WCAG AA × Fail

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 2D1115 Background



This preview shows how black text looks on a background with the Hex color 2D1115.

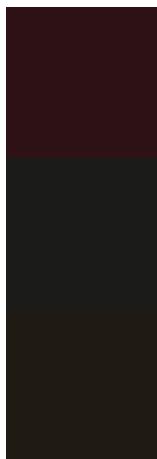


This preview shows how white text looks on a background with the Hex color 2D1115.

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

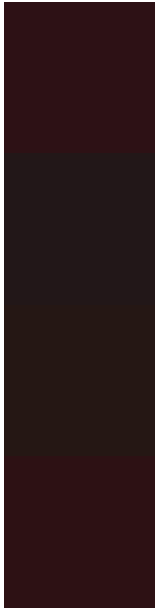


Original Color
2D1115

Protanopia
1B1B1A

Deuteranopia
201A14

Trichromacy



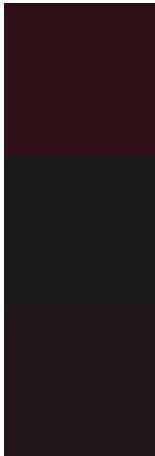
Original Color
2D1115

Protanomaly
221718

Deuteranomaly
251714

Tritanomaly
2D1114

Monochromacy



Original Color
2D1115

Achromatopsia
1A1A1A

Achromatomaly
211718

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1115 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 #2D1115 looks like.

```
.text, #text, p{  
    color:#2D1115  
}
```

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 #2D1115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1115
}
```

Border

The CSS property to change the border of an element to Hex 2D1115 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
#2D1115 }
```

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

```
.border{ border-color:#2D1115 }
```

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

Here you see how a box with a 4 pixel #2D1115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1115; -webkit-box-shadow:4px 4px  
4px 4px #2D1115; box-shadow:4px 4px 4px  
4px #2D1115 }
```

Background

The CSS property to change the background color of an element to Hex 2D1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1115 }
```

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

```
.background{ background-color:#2D1115 }
```

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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