

Converting Colors

Hex(2D2127)

Have a look what the booklet for
Hex(2D2127) contains.

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Color

Hex(2D2127)

Conversions

Conversions Part 1

Format	Color
Hex	2D2127
RGB	45, 33, 39
RGB Percent	18%, 13%, 15%
CMY	0.8235, 0.8706, 0.8471
CMYK	0.00, 0.27, 0.13, 0.82
HSL	330°, 15%, 15%
HSV	330°, 27%, 18%
XYZ	1.9923, 1.7921, 2.1604
YIQ	37.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

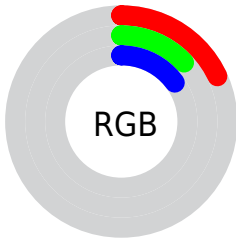
Format	Color
R_{YB}	45, 33, 39
Decimal	2957607
CIE Lab	14.36, 7.02, -1.81
CIE LCh	14, 7.244, 345.561
Yxy	1.7921, 0.3351, 0.3015
Android (android.graphics.Color)	4281147687 (0xFF2D2127)
YUV	37.2720, 0.8519, 6.7775
Hunter-Lab	13.3869, 3.1376, -0.1973

Details

The Hex color **2D2127** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **212D27**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5B4D54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1D25**, and if you desaturate by 10%, it is **2D2629**.

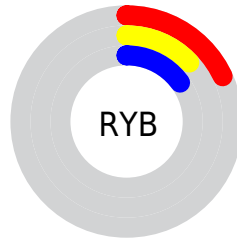
Distribution



 Red (18%)

 Green (13%)

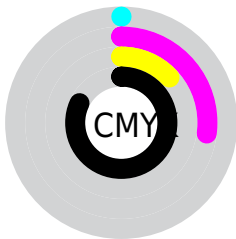
 Blue (15%)



 Red (18%)

 Yellow (13%)

 Blue (15%)

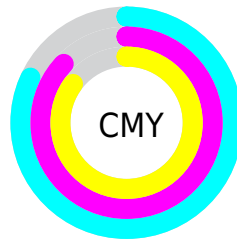



 Cyan (0%)


 Magenta (27%)

 Yellow (13%)

 Black (82%)



 Cyan (82%)

 Magenta (87%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2127 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 2D2127 by changing the saturation by 10% instead.

■ 2D2127

■ 2D2127

FFFFFF

■ 190B12

■ 5B4D54

■ 000000

■ 73656C

■ 8D7E85

■ A7989F

■ C3B3BA

■ DFCED6

■ FBEAF2

■ 2D2127

■ 2D2127

■ 2D1D25

■ 2D2629

■ 2D1823

■ 2D2A2C

■ 2D1320

■ 2D2F2E

■ 2D0F1E

■ 2D3330

■ 2D0A1C

■ 2D3832

■ 2D061A

■ 2D3C35

■ 2D0117

■ 2D4137

■ 2D0017

■ 2D4539

■ 2D4A3B

Harmonies

Analogous

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



28222B



2D2127



2F2122

Triad

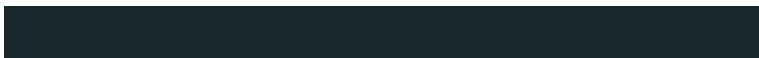
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D2127



25251B



17272B

Complementary

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



2D2127



212D27

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.



172727



2D2127



20261D

Square

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



2D2127



2A231B



1A2722



1B262E

Rectangle

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



2D2127



2F211F



1A2722



16272A

Sweetspot

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



2D2127



3B3638



27212D



1F1C1D



9E9E9E



1F1F1F

Same Dimension

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



2D2127



3B2831



2D2121



171516



57002B



D6006B

Inverse Universe

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



2D2127



3B2831



212D2D



171516



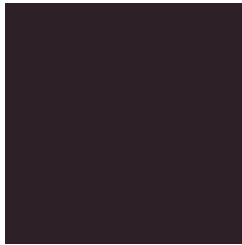
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 2D2127 looks on a white background.

Color Contrast Check

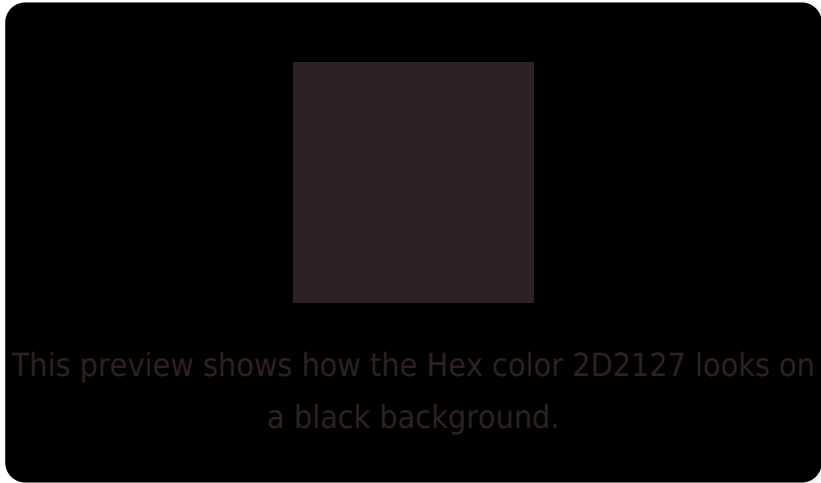
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D2127 Background



This preview shows how black text looks on a background with the Hex color 2D2127.



This preview shows how white text looks on a background with the Hex color 2D2127.

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

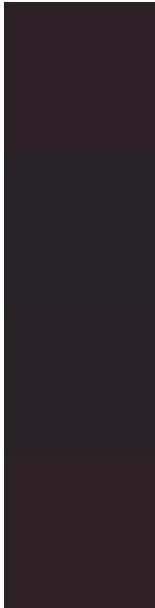


Original Color
2D2127

Protanopia
242429

Deuteranopia
272327

Trichromacy



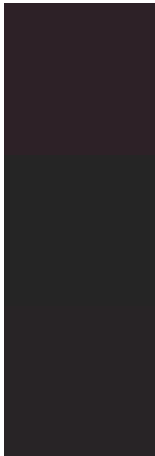
Original Color
2D2127

Protanomaly
272328

Deuteranomaly
292227

Tritanomaly
2D2225

Monochromacy



Original Color
2D2127

Achromatopsia
252525

Achromatomaly
282426

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2127 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 #2D2127 looks like.

```
.text, #text, p{  
    color:#2D2127  
}
```

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 #2D2127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2127
}
```

Border

The CSS property to change the border of an element to Hex 2D2127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

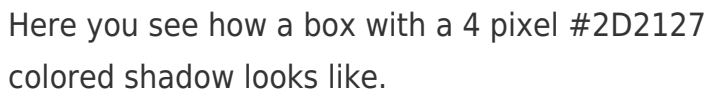
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2127 }
```

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

```
.border{ border-color:#2D2127 }
```

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



Here you see how a box with a 4 pixel #2D2127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2127; -webkit-box-shadow:4px 4px  
4px 4px #2D2127; box-shadow:4px 4px 4px  
4px #2D2127 }
```

Background

The CSS property to change the background color of an element to Hex 2D2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2127 }
```

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

```
.background{ background-color:#2D2127 }
```

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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