

Converting Colors

Hex(2D1A26)

Have a look what the booklet for
Hex(2D1A26) contains.

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Color

Hex(2D1A26)

Conversions

Conversions Part 1

Format	Color
Hex	2D1A26
RGB	45, 26, 38
RGB Percent	18%, 10%, 15%
CMY	0.8235, 0.8980, 0.8510
CMYK	0.00, 0.42, 0.16, 0.82
HSL	322°, 27%, 14%
HSV	322°, 42%, 18%
XYZ	1.8014, 1.4366, 2.0161
YIQ	33.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

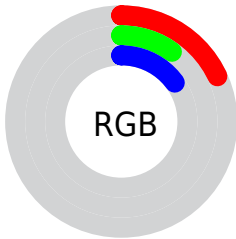
Format	Color
RYB	45, 26, 38
Decimal	2955814
CIELab	12.20, 11.76, -4.29
CIElCh	12, 12.520, 339.954
Yxy	1.4366, 0.3429, 0.2734
Android (android.graphics.Color)	4281145894 (0xFF2D1A26)
YUV	33.0490, 2.4408, 10.4810
Hunter-Lab	11.9859, 5.8525, -1.5827

Details

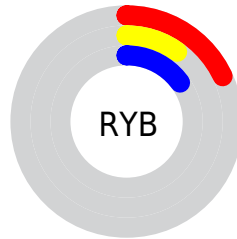
The Hex color **2D1A26** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A2D21**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5B4653**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1624**, and if you desaturate by 10%, it is **2D1E28**.

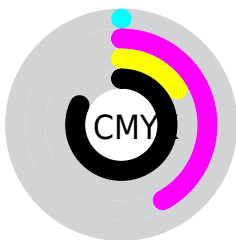
Distribution



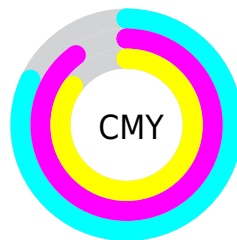
- Red (18%)
- Green (10%)
- Blue (15%)



- Red (18%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (42%)
- Yellow (16%)
- Black (82%)



- Cyan (82%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1A26 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 2D1A26 by changing the saturation by 10% instead.

■ 2D1A26

■ 2D1A26

FFFEFF

■ 1A0011

■ 5B4653

■ 000000

■ 745D6B

■ 8E7684

■ A8909E

■ C3AAB9

■ DFC5D5

■ FCE1F1

■ 2D1A26

■ 2D1A26

■ 2D1624

■ 2D1E28

■ 2D1123

■ 2D2329

■ 2D0C21

■ 2D282B

■ 2D081F

■ 2D2C2D

■ 2D031E

■ 2D312E

■ 2D001C

■ 2D3530

■ 2D3A32

■ 2D3E33

■ 2D4335

Harmonies

Analogous

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



251D2D



2D1A26



31191D

Triad

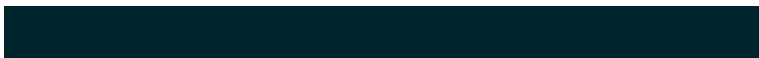
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D1A26



23200E



00242B

Complementary

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



2D1A26



1A2D21

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.



042523



2D1A26



192312

Square

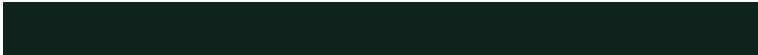
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2D1A26



2B1D0F



0F241A



092230

Rectangle

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



2D1A26



301A18



0F241A



002428

Sweetspot

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



2D1A26



3B3338



211A2D



1F1A1D



9E9E9E



1F1F1F

Same Dimension

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



2D1A26



3B1D30



2D1A1D



171516



570037



D60087

Inverse Universe

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



2D1A26



3B1D30



1A2D2A



171516



570037



D60087

Previews

White Background



This preview shows how the Hex color 2D1A26 looks on a white background.

Color Contrast Check

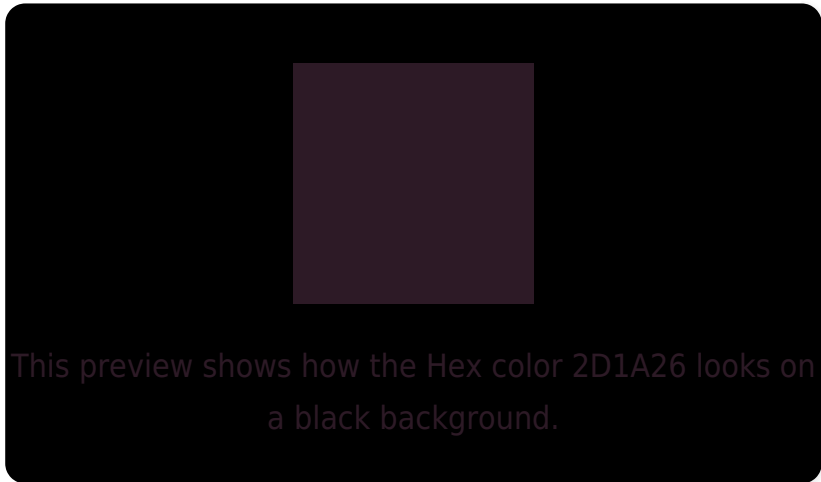
Large Text (above 18pt) WCAG AA ✓ Pass

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

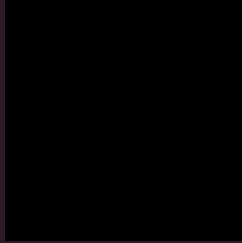
Any Text WCAG AA × Fail

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 2D1A26 Background



This preview shows how black text looks on a background with the Hex color 2D1A26.

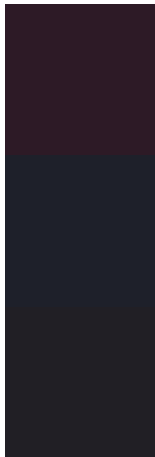


This preview shows how white text looks on a background with the Hex color 2D1A26.

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
2D1A26

Protanopia
1E202A

Deuteranopia
211F25

Trichromacy



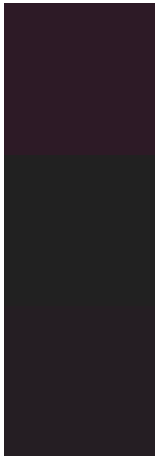
Original Color
2D1A26

Protanomaly
231E29

Deuteranomaly
251D25

Tritanomaly
2C1B21

Monochromacy



Original Color
2D1A26

Achromatopsia
212121

Achromatomaly
251E23

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1A26 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 #2D1A26 looks like.

```
.text, #text, p{  
    color:#2D1A26  
}
```

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 #2D1A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1A26
}
```

Border

The CSS property to change the border of an element to Hex 2D1A26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

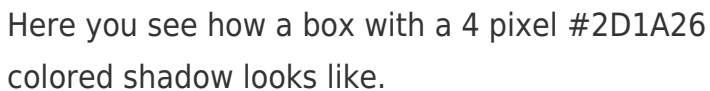
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1A26 }
```

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

```
.border{ border-color:#2D1A26 }
```

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



Here you see how a box with a 4 pixel #2D1A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1A26; -webkit-box-shadow:4px 4px  
4px 4px #2D1A26; box-shadow:4px 4px 4px  
4px #2D1A26 }
```

Background

The CSS property to change the background color of an element to Hex 2D1A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1A26 }
```

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

```
.background{ background-color:#2D1A26 }
```

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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