

Converting Colors

Hex(2C1D35)

Have a look what the booklet for
Hex(2C1D35) contains.

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Color

Hex(2C1D35)

Conversions

Conversions Part 1

Format	Color
Hex	2C1D35
RGB	44, 29, 53
RGB Percent	17%, 11%, 21%
CMY	0.8275, 0.8863, 0.7922
CMYK	0.17, 0.45, 0.00, 0.79
HSL	278°, 29%, 16%
HSV	278°, 45%, 21%
XYZ	2.1207, 1.6712, 3.5790
YIQ	36.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

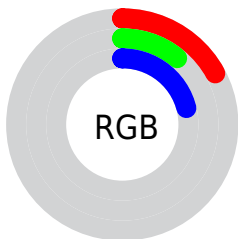
Format	Color
RYB	44, 29, 53
Decimal	2891061
CIELab	13.66, 12.93, -12.93
CIELCh	14, 18.284, 314.986
Yxy	1.6712, 0.2877, 0.2267
Android (android.graphics.Color)	4281081141 (0xFF2C1D35)
YUV	36.2210, 8.2720, 6.8222
Hunter-Lab	12.9277, 6.6580, -7.3648




Details

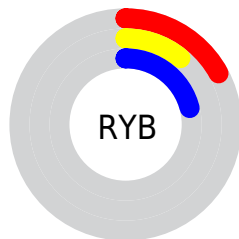
The Hex color **2C1D35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26351D**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **5A4964**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **2A1835**, and if you desaturate by 10%, it is **2E2235**.

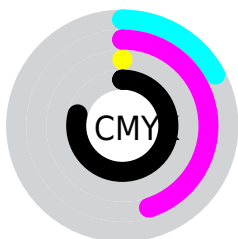
Distribution







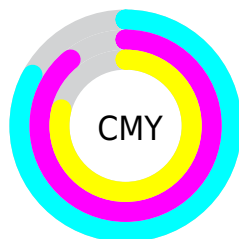
-  Red (17%)
-  Green (11%)
-  Blue (21%)






-  Red (17%)
-  Yellow (11%)
-  Blue (21%)



-  Cyan (17%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (79%)



-  Cyan (83%)
-  Magenta (89%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1D35 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 2C1D35 by changing the saturation by 10% instead.

■ 2C1D35

■ 2C1D35

FFFFFF

■ 190520

■ 5A4964

■ 000005

■ 73617D

■ 000000

■ 8C7A97

■ A793B1

■ C2AECD

■ DEC9E9

■ FBE6FF

■ 2C1D35

■ 2C1D35

■ 2A1835

■ 2E2235

■ 281235

■ 302835

■ 260D35

■ 322D35

■ 240835

■ 343235

■ 220235

■ 363735

■ 210035

■ 383D35

■ 3A4235

■ 3C4735

■ 3E4D35

Harmonies

Analogous

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



19223B



2C1D35



37192A

Triad

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



2C1D35



302006



002929

Complementary

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



2C1D35



26351D

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.



02291C



2C1D35



252406

Square

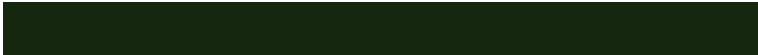
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



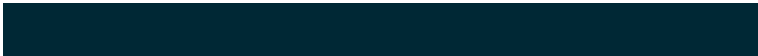
2C1D35



381B11



162710



002835

Rectangle

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



2C1D35



3A1821



162710



002925

Sweetspot

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



2C1D35



413B45



1D2635



211E24



A3A3A3



242424

Same Dimension

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



2C1D35



372045



351D32



19171A



380059



8700D9

Inverse Universe

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



351D26



45202E



1D3520



1A1718



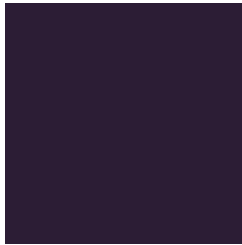
590021



D90051

Previews

White Background



This preview shows how the Hex color 2C1D35 looks on a white background.

Color Contrast Check

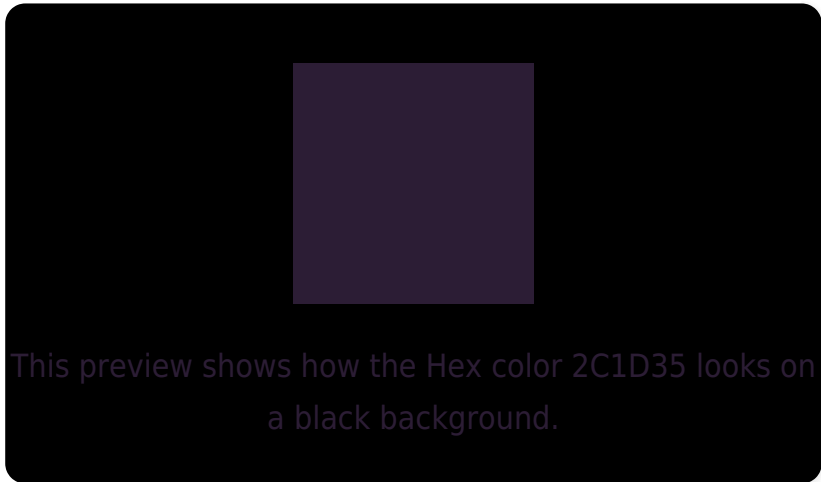
Large Text (above 18pt) WCAG AA ✓ Pass

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

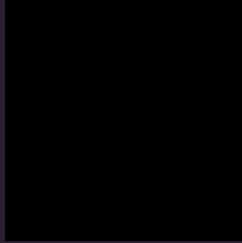
Any Text WCAG AA × Fail

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 2C1D35 Background



This preview shows how black text looks on a background with the Hex color 2C1D35.



This preview shows how white text looks on a background with the Hex color 2C1D35.

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
2C1D35

Protanopia
1A223A

Deuteranopia
1C2334



Tritanopia
292124

Trichromacy



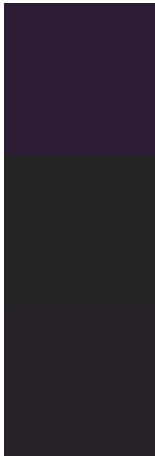
Original Color
2C1D35

Protanomaly
212038

Deuteranomaly
222134

Tritanomaly
2A202A

Monochromacy



Original Color
2C1D35

Achromatopsia
242424

Achromatomaly
27212A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1D35 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 #2C1D35 looks like.

```
.text, #text, p{  
    color:#2C1D35  
}
```

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 #2C1D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1D35
}
```

Border

The CSS property to change the border of an element to Hex 2C1D35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

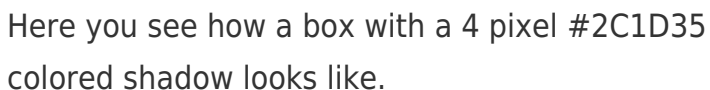
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1D35 }
```

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

```
.border{ border-color:#2C1D35 }
```

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



Here you see how a box with a 4 pixel #2C1D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1D35; -webkit-box-shadow:4px 4px  
4px 4px #2C1D35; box-shadow:4px 4px 4px  
4px #2C1D35 }
```

Background

The CSS property to change the background color of an element to Hex 2C1D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1D35 }
```

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

```
.background{ background-color:#2C1D35 }
```

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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