

Converting Colors

Hex(2D3435)

Have a look what the booklet for
Hex(2D3435) contains.

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Color

Hex(2D3435)

Conversions

Conversions Part 1

Format	Color
Hex	2D3435
RGB	45, 52, 53
RGB Percent	18%, 20%, 21%
CMY	0.8235, 0.7961, 0.7922
CMYK	0.15, 0.02, 0.00, 0.79
HSL	188°, 8%, 19%
HSV	188°, 15%, 21%
XYZ	2.9528, 3.2709, 3.8439
YIQ	50.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

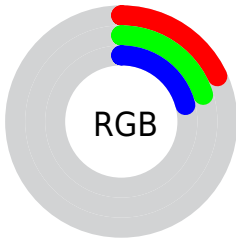
Format	Color
R_{YB}	45, 49, 53
Decimal	2962485
CIE Lab	21.10, -2.72, -1.65
CIE LCh	21, 3.183, 211.183
Yxy	3.2709, 0.2933, 0.3249
Android (android.graphics.Color)	4281152565 (0xFF2D3435)
YUV	50.0210, 1.4686, -4.4034
Hunter-Lab	18.0857, -2.5068, 0.0586

Details

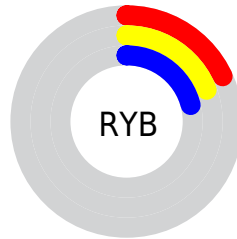
The Hex color **2D3435** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352E2D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5B6263**, and **000608** is the 20% darker color. If you saturate the color by 10%, you get **283335**, and if you desaturate by 10%, it is **323535**.

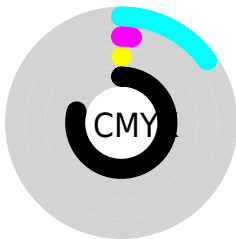
Distribution



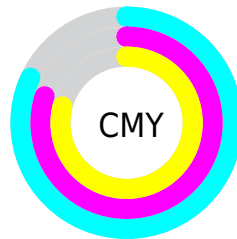
- Red (18%)
- Green (20%)
- Blue (21%)



- Red (18%)
- Yellow (19%)
- Blue (21%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (79%)



- Cyan (82%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3435 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 2D3435 by changing the saturation by 10% instead.

■ 2D3435

■ 2D3435

FFFFFF

■ 181F20

■ 5B6263

■ 000608

■ 737B7C

■ 000000

■ 8D9596

■ A7B0B1

■ C2CBCC

■ DEE7E8

■ FBFFFF

■ 2D3435

■ 2D3435

■ 283335

■ 323535

■ 223335

■ 383535

■ 1D3235

■ 3D3635

■ 183135

■ 423735

■ 123135

■ 483735

■ 0D3035

■ 4D3835

■ 082F35

■ 523935

■ 032F35

■ 573935

■ 002E35

■ 5D3A35

Harmonies

Analogous

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



2D3433



2D3435



2E3437

Triad

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



2D3435



363135



35332E

Complementary

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



2D3435



352E2D

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.



37322F



2D3435



383133

Square

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



2D3435



333237



383130



32332F

Rectangle

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



2D3435



303337



383130



35322E

Sweetspot

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



2D3435



414445



2D352E



222324



A3A3A3



242424

Same Dimension

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



2D3435



384345



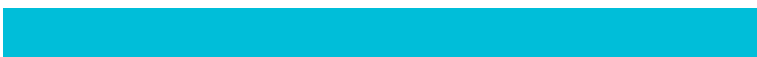
2D3035



17191A



004E59



00BED9

Inverse Universe

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



352D34



453843



35322D



1A1719



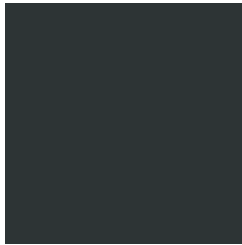
59004E



D900BE

Previews

White Background



This preview shows how the Hex color 2D3435 looks on a white background.

Color Contrast Check

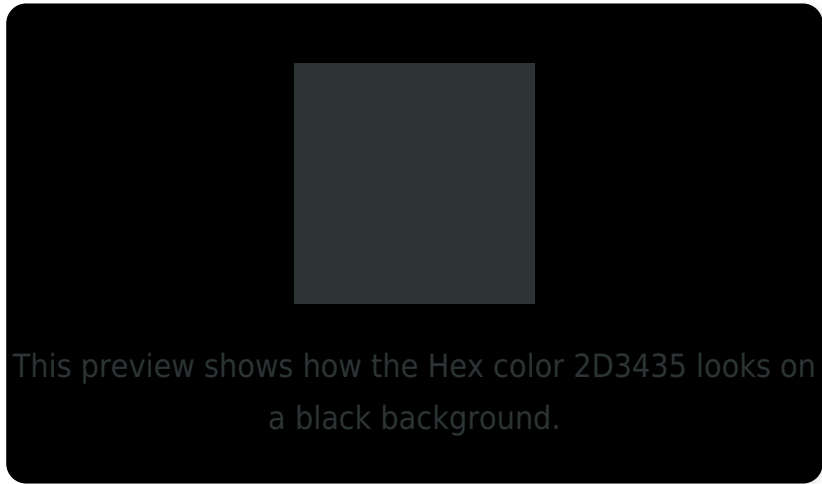
Large Text (above 18pt) WCAG AA ✓ Pass

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

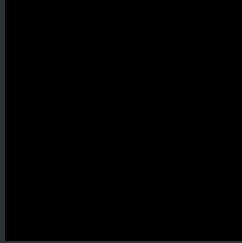
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

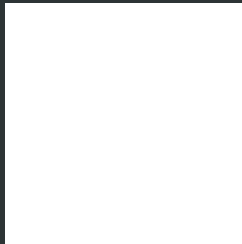
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D3435 Background



This preview shows how black text looks on a background with the Hex color 2D3435.

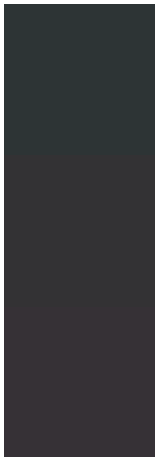


This preview shows how white text looks on a background with the Hex color 2D3435.

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](#).

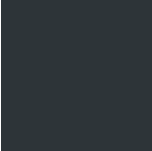
Dichromacy



Original Color
2D3435

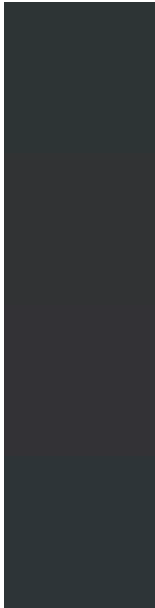
Protanopia
333234

Deuteranopia
363136



Tritanopia
2D3438

Trichromacy



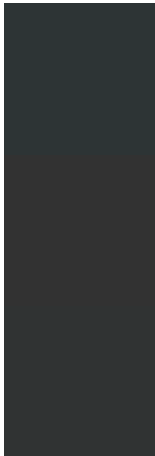
Original Color
2D3435

Protanomaly
313334

Deuteranomaly
333236

Tritanomaly
2D3437

Monochromacy



Original Color
2D3435

Achromatopsia
323232

Achromatomaly
303333

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3435 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 #2D3435 looks like.

```
.text, #text, p{  
    color:#2D3435  
}
```

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 #2D3435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3435
}
```

Border

The CSS property to change the border of an element to Hex 2D3435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

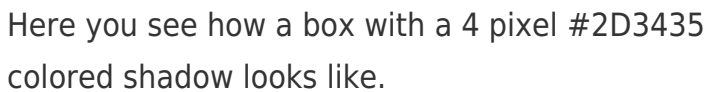
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3435 }
```

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

```
.border{ border-color:#2D3435 }
```

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



Here you see how a box with a 4 pixel #2D3435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3435; -webkit-box-shadow:4px 4px  
4px 4px #2D3435; box-shadow:4px 4px 4px  
4px #2D3435 }
```

Background

The CSS property to change the background color of an element to Hex 2D3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3435 }
```

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

```
.background{ background-color:#2D3435 }
```

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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