

Converting Colors

Hex(2D3636)

Have a look what the booklet for
Hex(2D3636) contains.

Hex(2D3636)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D3636)

Conversions

Conversions Part 1

Format	Color
Hex	2D3636
RGB	45, 54, 54
RGB Percent	18%, 21%, 21%
CMY	0.8235, 0.7882, 0.7882
CMYK	0.17, 0.00, 0.00, 0.79
HSL	180°, 9%, 19%
HSV	180°, 17%, 21%
XYZ	3.0672, 3.4626, 3.9967
YIQ	51.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

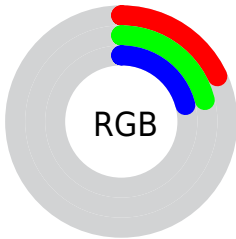
Format	Color
R_{YB}	45, 50, 54
Decimal	2962998
CIE _{Lab}	21.81, -3.78, -1.28
CIE _{LCh}	22, 3.993, 198.705
Yxy	3.4626, 0.2914, 0.3289
Android (android.graphics.Color)	4281153078 (0xFF2D3636)
YUV	51.3090, 1.3267, -5.5330
Hunter-Lab	18.6080, -3.1412, 0.2910

Details

The Hex color **2D3636** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362D2D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5B6565**, and **000A0A** is the 20% darker color. If you saturate the color by 10%, you get **283636**, and if you desaturate by 10%, it is **323636**.

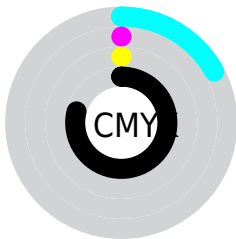
Distribution



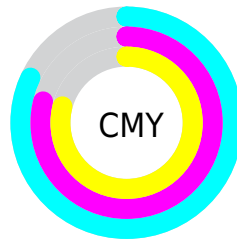
- Red (18%)
- Green (21%)
- Blue (21%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3636 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 2D3636 by changing the saturation by 10% instead.

■ 2D3636

■ 2D3636

FFFFFF

■ 182121

■ 5B6565

■ 000A0A

■ 737E7E

■ 000000

■ 8D9797

■ A7B2B2

■ C3CECE

■ DEEAEA

■ FBFFFF

■ 2D3636

■ 2D3636

■ 283636

■ 323636

■ 223636

■ 383636

■ 1D3636

■ 3D3636

■ 173636

■ 433636

■ 123636

■ 483636

■ 0D3636

■ 4D3636

■ 073636

■ 533636

■ 023636

■ 583636

■ 003636

■ 5E3636

Harmonies

Analogous

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



2E3633



2D3636



2E3639

Triad

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



2D3636



373338



38342F

Complementary

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



2D3636



362D2D

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.



3A3330



2D3636



3A3235

Square

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



2D3636



33343A



3B3232



35352F

Rectangle

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



2D3636



2F353A



3B3232



39332F

Sweetspot

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



2D3636



444747



2D362D



222424



A3A3A3



242424

Same Dimension

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



2D3636



394747



2D3236



191C1C



005C5C



00DBDB

Inverse Universe

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



362D36



473947



36322D



1C191C



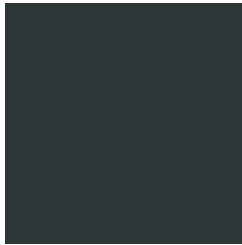
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 2D3636 looks on a white background.

Color Contrast Check

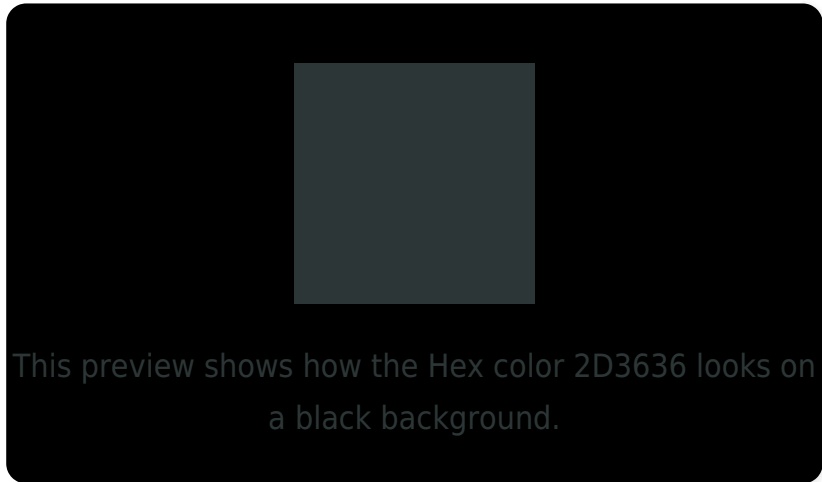
Large Text (above 18pt) WCAG AA ✓ Pass

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

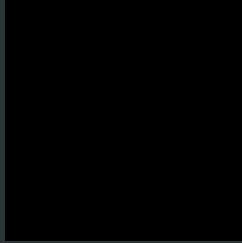
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

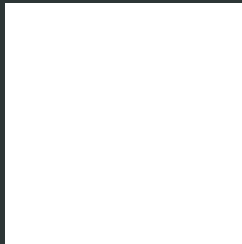
Any Text WCAG AAA × Fail

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

Hex 2D3636 Background



This preview shows how black text looks on a background with the Hex color 2D3636.



This preview shows how white text looks on a background with the Hex color 2D3636.

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](#).

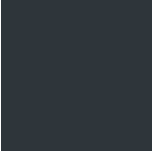
Dichromacy



Original Color
2D3636

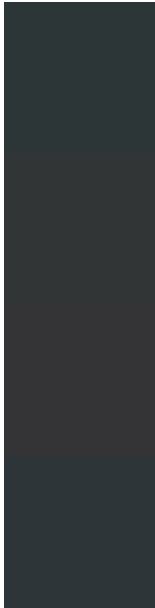
Protanopia
353435

Deuteranopia
383337



Tritanopia
2E353A

Trichromacy



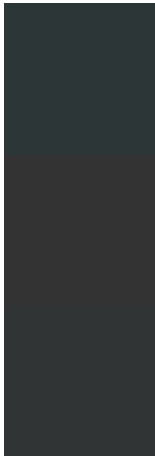
Original Color
2D3636

Protanomaly
323535

Deuteranomaly
343437

Tritanomaly
2E3539

Monochromacy



Original Color
2D3636

Achromatopsia
333333

Achromatomaly
313434

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3636 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 #2D3636 looks like.

```
.text, #text, p{  
    color:#2D3636  
}
```

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 #2D3636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3636
}
```

Border

The CSS property to change the border of an element to Hex 2D3636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

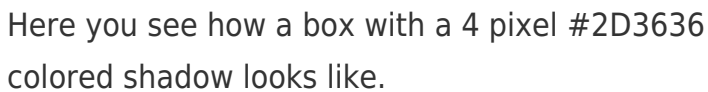
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3636 }
```

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

```
.border{ border-color:#2D3636 }
```

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



Here you see how a box with a 4 pixel #2D3636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3636; -webkit-box-shadow:4px 4px  
4px 4px #2D3636; box-shadow:4px 4px 4px  
4px #2D3636 }
```

Background

The CSS property to change the background color of an element to Hex 2D3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3636 }
```

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

```
.background{ background-color:#2D3636 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor