

Converting Colors

Hex(2D2D58)

Have a look what the booklet for
Hex(2D2D58) contains.

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Color

Hex(2D2D58)

Conversions

Conversions Part 1

Format	Color
Hex	2D2D58
RGB	45, 45, 88
RGB Percent	18%, 18%, 35%
CMY	0.8235, 0.8235, 0.6549
CMYK	0.49, 0.49, 0.00, 0.65
HSL	240°, 32%, 26%
HSV	240°, 49%, 35%
XYZ	3.7820, 3.1392, 9.6391
YIQ	49.9020, -13.8030, 13.3730

Conversions

Conversions Part 2

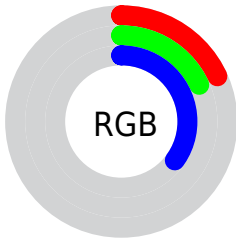
Format	Color
R_{YB}	45, 45, 88
Decimal	2960728
CIE _{Lab}	20.59, 12.97, -26.04
CIE _{LCh}	21, 29.096, 296.473
Yxy	3.1392, 0.2284, 0.1896
Android (android.graphics.Color)	4281150808 (0xFF2D2D58)
YUV	49.9020, 18.7823, -4.2991
Hunter-Lab	17.7179, 7.0959, -19.8532

Details

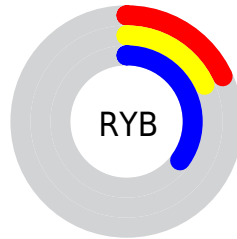
The Hex color **2D2D58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58582D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5E5B8A**, and **01002A** is the 20% darker color. If you saturate the color by 10%, you get **242458**, and if you desaturate by 10%, it is **363658**.

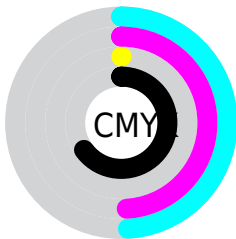
Distribution



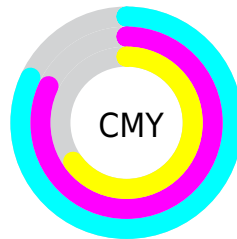
- Red (18%)
- Green (18%)
- Blue (35%)



- Red (18%)
- Yellow (18%)
- Blue (35%)



- Cyan (49%)
- Magenta (49%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2D58 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 2D2D58 by changing the saturation by 10% instead.

■ 2D2D58

■ 2D2D58

FFFFFF

■ 151840

■ 5E5B8A

■ 01002A

■ 7773A5

■ 000115

■ 918DC0

■ 000000

■ ACA7DC

■ C8C2F9

■ E4DEFF

■ FFFBFF

■ 2D2D58

■ 2D2D58

■ 242458

■ 363658

■ 1B1B58

■ 3F3F58

■ 131358

■ 474758

■ 0A0A58

■ 505058

■ 010158

■ 595958

■ 000058

■ 626258

■ 6B6B58

■ 737358

■ 7C7C58

Harmonies

Analogous

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



00355C



2D2D58



492449

Triad

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



2D2D58



4E270D



003C2E

Complementary

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



2D2D58



58582D

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.



0B3A19



2D2D58



3F3000

Square

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



2D2D58



571F20



2A3606



003C44

Rectangle

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



2D2D58



531F3C



2A3606



003B27

Sweetspot

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



2D2D58



626273



2D5858



30303B



BABABA



3B3B3B

Same Dimension

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



2D2D58



2F2F73



432D58



27272B



00006B



0000EB

Inverse Universe

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



582D58



732F73



43582D



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 2D2D58 looks on a white background.

Color Contrast Check

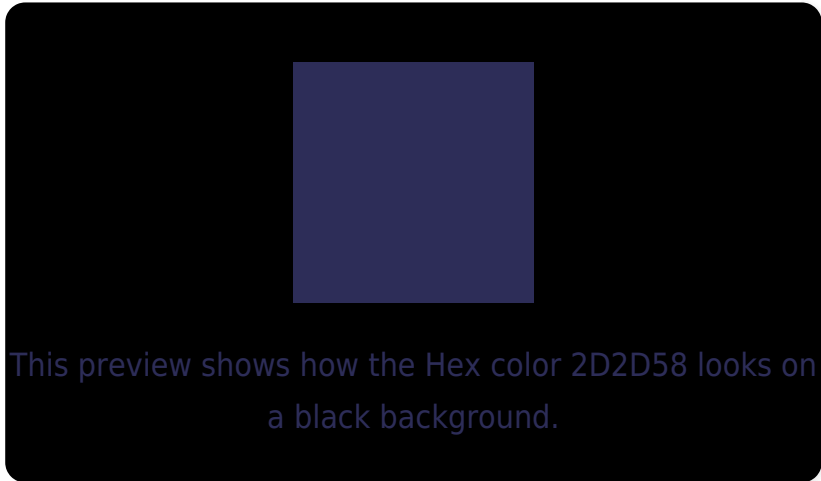
Large Text (above 18pt) WCAG AA ✓ Pass

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

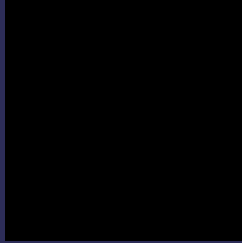
Any Text WCAG AA × Fail

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 2D2D58 Background



This preview shows how black text looks on a background with the Hex color 2D2D58.



This preview shows how white text looks on a background with the Hex color 2D2D58.

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](#).

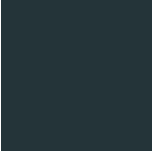
Dichromacy



Original Color
2D2D58

Protanopia
1C305B

Deuteranopia
133257



Tritanopia
243439

Trichromacy



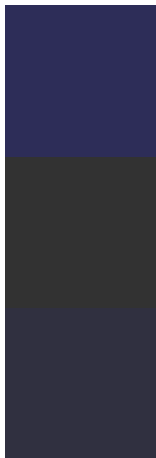
Original Color
2D2D58

Protanomaly
222F5A

Deuteranomaly
1C3057

Tritanomaly
273144

Monochromacy



Original Color
2D2D58

Achromatopsia
323232

Achromatomaly
303040

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2D58 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 #2D2D58 looks like.

```
.text, #text, p{  
    color:#2D2D58  
}
```

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 #2D2D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2D58  
}
```

Border

The CSS property to change the border of an element to Hex 2D2D58 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  
#2D2D58 }
```

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

```
.border{ border-color:#2D2D58 }
```

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

Here you see how a box with a 4 pixel #2D2D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2D58; -webkit-box-shadow:4px 4px  
4px 4px #2D2D58; box-shadow:4px 4px 4px  
4px #2D2D58 }
```

Background

The CSS property to change the background color of an element to Hex 2D2D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2D58 }
```

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

```
.background{ background-color:#2D2D58 }
```

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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