

Converting Colors

Hex(2D3D56)

Have a look what the booklet for
Hex(2D3D56) contains.

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Color

Hex(2D3D56)

Conversions

Conversions Part 1

Format	Color
Hex	2D3D56
RGB	45, 61, 86
RGB Percent	18%, 24%, 34%
CMY	0.8235, 0.7608, 0.6627
CMYK	0.48, 0.29, 0.00, 0.66
HSL	217°, 31%, 26%
HSV	217°, 48%, 34%
XYZ	4.4306, 4.5673, 9.4521
YIQ	59.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

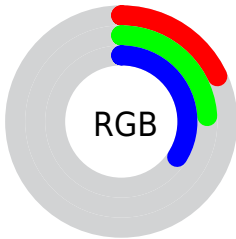
Format	Color
R_{YB}	45, 57, 86
Decimal	2964822
CIE Lab	25.46, 1.22, -17.07
CIE LCh	25, 17.110, 274.093
Yxy	4.5673, 0.2401, 0.2475
Android (android.graphics.Color)	4281154902 (0xFF2D3D56)
YUV	59.0660, 13.2785, -12.3359
Hunter-Lab	21.3712, -0.3931, -11.2633

Details

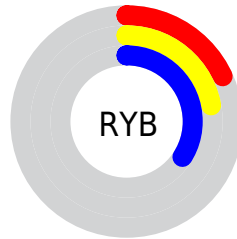
The Hex color **2D3D56** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56462D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5D6C88**, and **001329** is the 20% darker color. If you saturate the color by 10%, you get **243856**, and if you desaturate by 10%, it is **364256**.

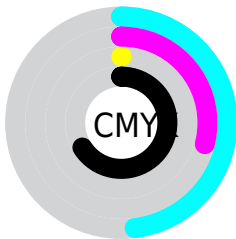
Distribution



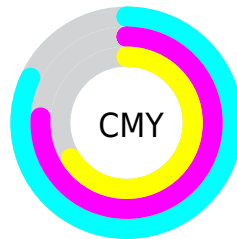
- Red (18%)
- Green (24%)
- Blue (34%)



- Red (18%)
- Yellow (22%)
- Blue (34%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)
- Black (66%)



- Cyan (82%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3D56 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 2D3D56 by changing the saturation by 10% instead.

■ 2D3D56

■ 2D3D56

FFFFFF

■ 16273F

■ 5D6C88

■ 001329

■ 7685A2

■ 000114

■ 90A0BD

■ 000000

■ ABBBD9

■ C7D6F6

■ E3F3FF

■ 2D3D56

■ 2D3D56

■ 243856

■ 364256

■ 1C3356

■ 3E4756

■ 132D56

■ 474D56

■ 0B2856

■ 4F5256

■ 022356

■ 585756

■ 002256

■ 615C56

■ 696256

■ 726756

■ 7A6C56

Harmonies

Analogous

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



184153



2D3D56



403852

Triad

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



2D3D56



55342E



264231

Complementary

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



2D3D56



56462D

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.



354026



2D3D56



4E3825

Square

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



2D3D56



55323B



433C22



16433E

Rectangle

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



2D3D56



4A354C



433C22



2B422D

Sweetspot

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



2D3D56



606770



2D5646



2F3238



B8B8B8



383838

Same Dimension

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



2D3D56



304970



312D56



27292B



002A6B



005CEB

Inverse Universe

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



562D3D



703049



52562D



2B2729



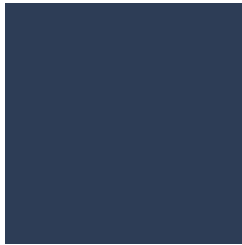
6B002A



EB005C

Previews

White Background



This preview shows how the Hex color 2D3D56 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

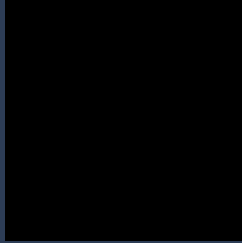
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

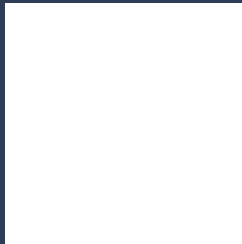
Any Text WCAG AAA × Fail

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

Hex 2D3D56 Background



This preview shows how black text looks on a background with the Hex color 2D3D56.



This preview shows how white text looks on a background with the Hex color 2D3D56.

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

2D3D56

Protanopia

343B55

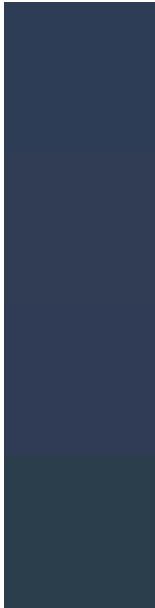
Deuteranopia

323C56



Tritanopia
284045

Trichromacy



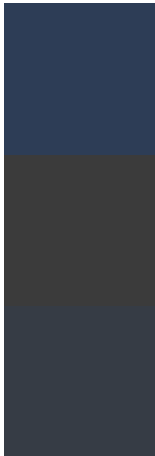
Original Color
2D3D56

Protanomaly
313C55

Deuteranomaly
303C56

Tritanomaly
2A3F4B

Monochromacy



Original Color
2D3D56

Achromatopsia
3B3B3B

Achromatomaly
363C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3D56 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 #2D3D56 looks like.

```
.text, #text, p{  
    color:#2D3D56  
}
```

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 #2D3D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3D56
}
```

Border

The CSS property to change the border of an element to Hex 2D3D56 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
#2D3D56 }
```

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

```
.border{ border-color:#2D3D56 }
```

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

Here you see how a box with a 4 pixel #2D3D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3D56; -webkit-box-shadow:4px 4px  
4px 4px #2D3D56; box-shadow:4px 4px 4px  
4px #2D3D56 }
```

Background

The CSS property to change the background color of an element to Hex 2D3D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3D56 }
```

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

```
.background{ background-color:#2D3D56 }
```

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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