

Converting Colors

Hex(2D3255)

Have a look what the booklet for
Hex(2D3255) contains.

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Color

Hex(2D3255)

Conversions

Conversions Part 1

Format	Color
Hex	2D3255
RGB	45, 50, 85
RGB Percent	18%, 20%, 33%
CMY	0.8235, 0.8039, 0.6667
CMYK	0.47, 0.41, 0.00, 0.67
HSL	232°, 31%, 25%
HSV	232°, 47%, 33%
XYZ	3.8625, 3.4950, 9.0654
YIQ	52.4950, -14.2150, 9.8250

Conversions

Conversions Part 2

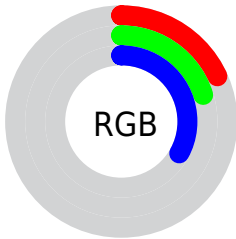
Format	Color
R_{YB}	45, 49, 85
Decimal	2962005
CIE _{Lab}	21.93, 8.43, -21.94
CIE _{LCh}	22, 23.504, 291.009
Yxy	3.4950, 0.2352, 0.2128
Android (android.graphics.Color)	4281152085 (0xFF2D3255)
YUV	52.4950, 16.0250, -6.5731
Hunter-Lab	18.6948, 4.1634, -15.6640

Details

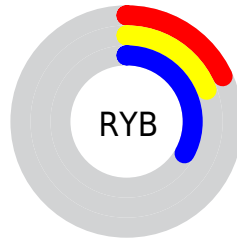
The Hex color **2D3255** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **55502D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5D6087**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **252B55**, and if you desaturate by 10%, it is **353955**.

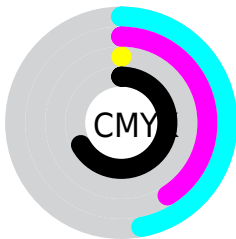
Distribution



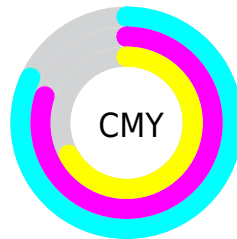
- Red (18%)
- Green (20%)
- Blue (33%)



- Red (18%)
- Yellow (19%)
- Blue (33%)



- Cyan (47%)
- Magenta (41%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3255 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 2D3255 by changing the saturation by 10% instead.

■ 2D3255

■ 2D3255

FFFFFF

■ 161D3E

■ 5D6087

■ 000328

■ 7679A1

■ 000112

■ 9092BC

■ 000000

■ ABADD8

■ C7C8F5

■ E3E4FF

■ 2D3255

■ 2D3255

■ 252B55

■ 353955

■ 1C2355

■ 3E4155

■ 131C55

■ 464855

■ 0B1455

■ 4F5055

■ 030D55

■ 575755

■ 000B55

■ 605F55

■ 686655

■ 716D55

■ 797555

Harmonies

Analogous

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



003857



2D3255



452B4B

Triad

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



2D3255



4F2B1A



003D2E

Complementary

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



2D3255



55502D

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.



1E3B1E



2D3255



433211

Square

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



2D3255



552629



333712



003D40

Rectangle

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



2D3255



4F2740



333712



093C29

Sweetspot

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



2D3255



5E606E



2D5550



2F3038



B8B8B8



383838

Same Dimension

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



2D3255



30386E



3C2D55



27282B



000D6B



001DEB

Inverse Universe

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



552D32



6E3038



46552D



2B2728



6B000D



EB001D

Previews

White Background



This preview shows how the Hex color 2D3255 looks on a white background.

Color Contrast Check

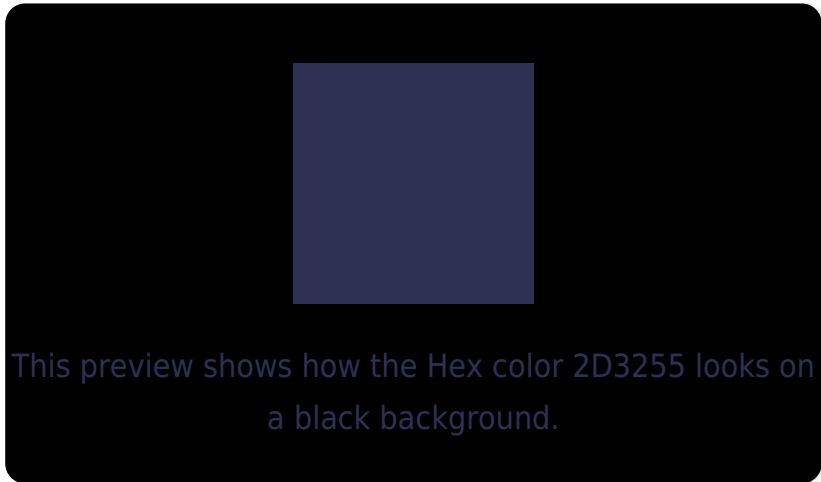
Large Text (above 18pt) WCAG AA ✓ Pass

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

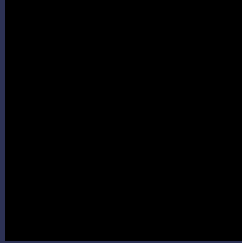
Any Text WCAG AA × Fail

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 2D3255 Background



This preview shows how black text looks on a background with the Hex color 2D3255.



This preview shows how white text looks on a background with the Hex color 2D3255.

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
2D3255

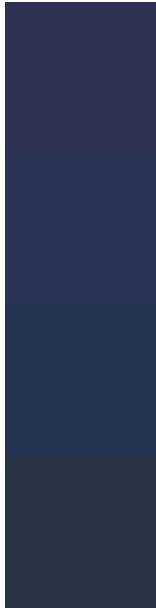
Protanopia
263356

Deuteranopia
223554



Tritanopia
26373C

Trichromacy



Original Color
2D3255

Protanomaly
293356

Deuteranomaly
263454

Tritanomaly
293545

Monochromacy



Original Color
2D3255

Achromatopsia
343434

Achromatomaly
313340

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3255 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 #2D3255 looks like.

```
.text, #text, p{  
    color:#2D3255  
}
```

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 #2D3255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3255
}
```

Border

The CSS property to change the border of an element to Hex 2D3255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

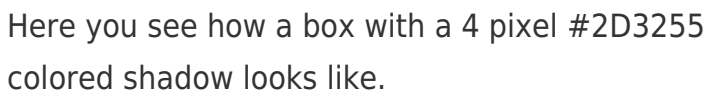
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D3255 }
```

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

```
.border{ border-color:#2D3255 }
```

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



Here you see how a box with a 4 pixel #2D3255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3255; -webkit-box-shadow:4px 4px  
4px 4px #2D3255; box-shadow:4px 4px 4px  
4px #2D3255 }
```

Background

The CSS property to change the background color of an element to Hex 2D3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3255 }
```

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

```
.background{ background-color:#2D3255 }
```

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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