

Converting Colors

Hex(2D3455)

Have a look what the booklet for
Hex(2D3455) contains.

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Color

Hex(2D3455)

Conversions

Conversions Part 1

Format	Color
Hex	2D3455
RGB	45, 52, 85
RGB Percent	18%, 20%, 33%
CMY	0.8235, 0.7961, 0.6667
CMYK	0.47, 0.39, 0.00, 0.67
HSL	230°, 31%, 25%
HSV	230°, 47%, 33%
XYZ	3.9499, 3.6697, 9.0945
YIQ	53.6690, -14.7650, 8.7790

Conversions

Conversions Part 2

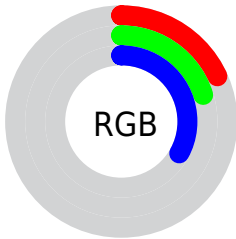
Format	Color
R _Y B	45, 51, 85
Decimal	2962517
CIE Lab	22.55, 7.03, -20.96
CIE LCh	23, 22.111, 288.545
Yxy	3.6697, 0.2363, 0.2196
Android (android.graphics.Color)	4281152597 (0xFF2D3455)
YUV	53.6690, 15.4462, -7.6027
Hunter-Lab	19.1566, 3.2807, -14.7380

Details

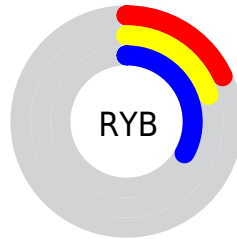
The Hex color **2D3455** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **554E2D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5D6287**, and **000628** is the 20% darker color. If you saturate the color by 10%, you get **252D55**, and if you desaturate by 10%, it is **353B55**.

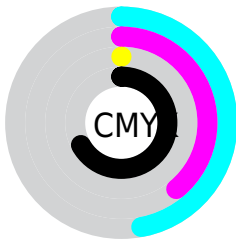
Distribution



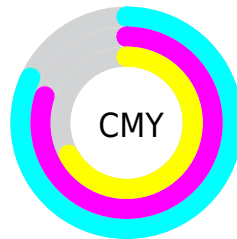
- Red (18%)
- Green (20%)
- Blue (33%)



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



- Cyan (47%)
- Magenta (39%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3455 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 2D3455 by changing the saturation by 10% instead.

■ 2D3455

■ 2D3455

FFFFFF

■ 161F3E

■ 5D6287

■ 000628

■ 767BA1

■ 000112

■ 9095BC

■ 000000

■ ABAFD8

■ C7CBF5

■ E3E7FF

■ 2D3455

■ 2D3455

■ 252D55

■ 353B55

■ 1C2655

■ 3E4255

■ 131F55

■ 464955

■ 0B1855

■ 4F5055

■ 031155

■ 575755

■ 000F55

■ 605E55

■ 686555

■ 716C55

■ 797355

Harmonies

Analogous

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



053956



2D3455



442E4C

Triad

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



2D3455



502D1E



063E2F

Complementary

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



2D3455



554E2D

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.



233C1F



2D3455



453315

Square

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



2D3455



55292C



363816



003E40

Rectangle

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



2D3455



4E2A42



363816



123D29

Sweetspot

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



2D3455



5E616E



2D554E



2F3038



B8B8B8



383838

Same Dimension

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



2D3455



303B6E



3A2D55



27282B



00136B



0029EB

Inverse Universe

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



552D34



6E303B



48552D



2B2728



6B0013



EB0029

Previews

White Background



This preview shows how the Hex color 2D3455 looks on a white background.

Color Contrast Check

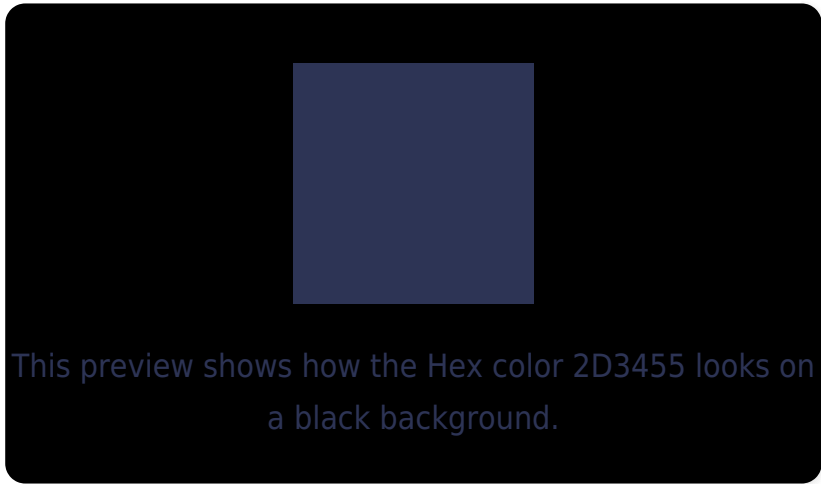
Large Text (above 18pt) WCAG AA ✓ Pass

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

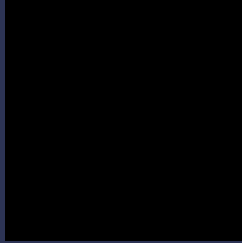
Any Text WCAG AA × Fail

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 2D3455 Background



This preview shows how black text looks on a background with the Hex color 2D3455.



This preview shows how white text looks on a background with the Hex color 2D3455.

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](#).

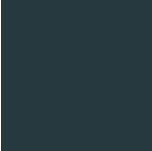
Dichromacy



Original Color
2D3455

Protanopia
293556

Deuteranopia
253655



Tritanopia
26393E

Trichromacy



Original Color
2D3455

Protanomaly
2A3556

Deuteranomaly
283555

Tritanomaly
293746

Monochromacy



Original Color
2D3455

Achromatopsia
363636

Achromatomaly
333541

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3455 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 #2D3455 looks like.

```
.text, #text, p{  
    color:#2D3455  
}
```

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 #2D3455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3455
}
```

Border

The CSS property to change the border of an element to Hex 2D3455 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
#2D3455 }
```

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

```
.border{ border-color:#2D3455 }
```

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

Here you see how a box with a 4 pixel #2D3455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3455; -webkit-box-shadow:4px 4px  
4px 4px #2D3455; box-shadow:4px 4px 4px  
4px #2D3455 }
```

Background

The CSS property to change the background color of an element to Hex 2D3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3455 }
```

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

```
.background{ background-color:#2D3455 }
```

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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