

Converting Colors

Hex(2B2365)

Have a look what the booklet for
Hex(2B2365) contains.

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Color

Hex(2B2365)

Conversions

Conversions Part 1

Format	Color
Hex	2B2365
RGB	43, 35, 101
RGB Percent	17%, 14%, 40%
CMY	0.8314, 0.8627, 0.6039
CMYK	0.57, 0.65, 0.00, 0.60
HSL	247°, 49%, 27%
HSV	247°, 65%, 40%
XYZ	3.9463, 2.6552, 12.6164
YIQ	44.9160, -16.4180, 22.2220

Conversions

Conversions Part 2

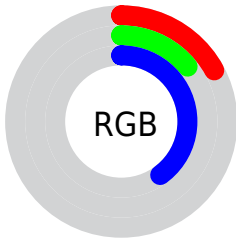
Format	Color
R _Y B	43, 35, 101
Decimal	2827109
CIE Lab	18.61, 23.97, -37.84
CIE LCh	19, 44.790, 302.353
Yxy	2.6552, 0.2053, 0.1382
Android (android.graphics.Color)	4281017189 (0xFF2B2365)
YUV	44.9160, 27.6494, -1.6803
Hunter-Lab	16.2949, 14.7126, -34.4992

Details

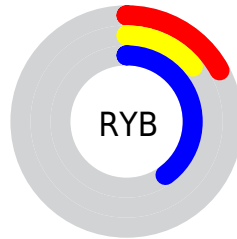
The Hex color **2B2365** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D6523**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5F5099**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **221965**, and if you desaturate by 10%, it is **342D65**.

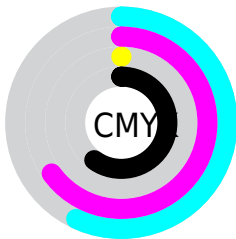
Distribution



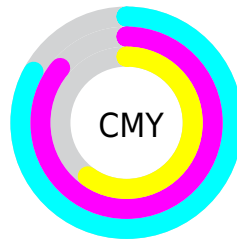
- Red (17%)
- Green (14%)
- Blue (40%)



- Red (17%)
- Yellow (14%)
- Blue (40%)



- Cyan (57%)
- Magenta (65%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2365 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 2B2365 by changing the saturation by 10% instead.

■ 2B2365

■ 2B2365

FFFFFF

■ 0E0F4D

■ 5F5099

■ 000036

■ 7968B4

■ 00021F

■ 9481CF

■ 000002

■ AF9CEC

■ 000000

■ CBB6FF

■ E8D2FF

■ FFEEFF

■ 2B2365

■ 2B2365

■ 221965

■ 342D65

■ 190F65

■ 3D3765

■ 100565

■ 464165

■ 0C0065

■ 4F4B65

■ 575665

■ 606065

■ 696A65

■ 727465

■ 7B7E65

Harmonies

Analogous

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



00316F



2B2365



550A4C

Triad

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



2B2365



501F00



003A2F

Complementary

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



2B2365



5D6523

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.



00390B



2B2365



372D00

Square

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



2B2365



60060B



153500



003A50

Rectangle

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



2B2365



610037



153500



003A24

Sweetspot

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



2B2365



6B6882



235D65



343242



C2C2C2



424242

Same Dimension

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



2B2365



291D82



4C2365



2F2E33



0E0073



1D00F2

Inverse Universe

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



65235D



821D76



3C6523



332E32



730065



F200D5

Previews

White Background



This preview shows how the Hex color 2B2365 looks on a white background.

Color Contrast Check

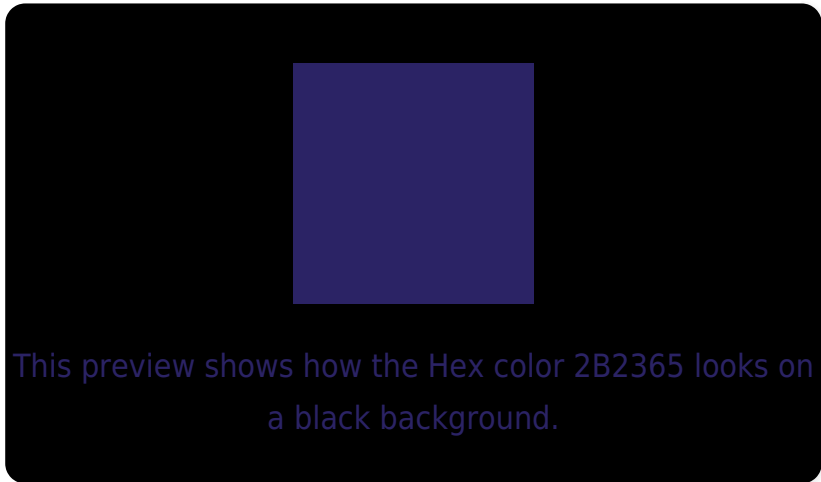
Large Text (above 18pt) WCAG AA ✓ Pass

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

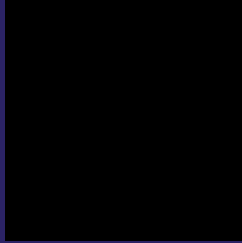
Any Text WCAG AA × Fail

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 2B2365 Background



This preview shows how black text looks on a background with the Hex color 2B2365.



This preview shows how white text looks on a background with the Hex color 2B2365.

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](#).

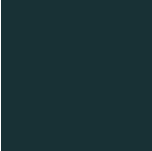
Dichromacy



Original Color
2B2365

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
183135

Trichromacy



Original Color
2B2365

Protanomaly
102960

Deuteranomaly
102B58

Tritanomaly
1F2C46

Monochromacy



Original Color
2B2365

Achromatopsia
2D2D2D

Achromatomaly
2C2941

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2365 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 #2B2365 looks like.

```
.text, #text, p{  
    color:#2B2365  
}
```

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 #2B2365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2365
}
```

Border

The CSS property to change the border of an element to Hex 2B2365 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".

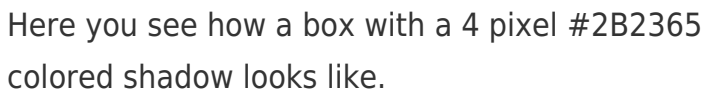
```
.border, #border, table{ border:4px solid
#2B2365 }
```

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

```
.border{ border-color:#2B2365 }
```

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

Here you see how a box with a 4 pixel #2B2365 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a dark blue border and a dark blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2365; -webkit-box-shadow:4px 4px  
4px 4px #2B2365; box-shadow:4px 4px 4px  
4px #2B2365 }
```

Background

The CSS property to change the background color of an element to Hex 2B2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2365 }
```

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

```
.background{ background-color:#2B2365 }
```

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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