

Converting Colors

Hex(2B2376)

Have a look what the booklet for
Hex(2B2376) contains.

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Color

Hex(2B2376)

Conversions

Conversions Part 1

Format	Color
Hex	2B2376
RGB	43, 35, 118
RGB Percent	17%, 14%, 46%
CMY	0.8314, 0.8627, 0.5373
CMYK	0.64, 0.70, 0.00, 0.54
HSL	246°, 54%, 30%
HSV	246°, 70%, 46%
XYZ	4.8673, 3.0237, 17.4666
YIQ	46.8540, -21.8750, 27.5090

Conversions

Conversions Part 2

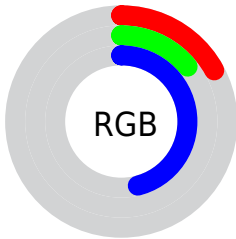
Format	Color
R_{YB}	43, 35, 118
Decimal	2827126
CIE _{Lab}	20.14, 29.91, -46.36
CIE _{LCh}	20, 55.172, 302.824
Yxy	3.0237, 0.1919, 0.1192
Android (android.graphics.Color)	4281017206 (0xFF2B2376)
YUV	46.8540, 35.0750, -3.3800
Hunter-Lab	17.3887, 19.5342, -47.3837

Details

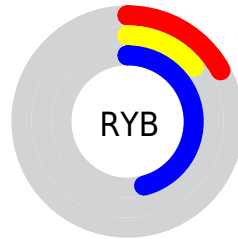
The Hex color **2B2376** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6E7623**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6250AB**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **201776**, and if you desaturate by 10%, it is **362F76**.

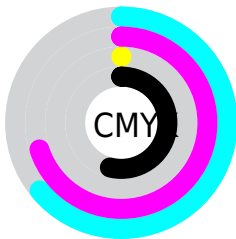
Distribution



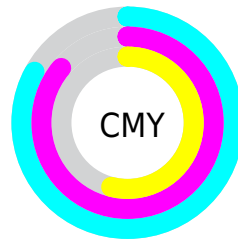
- Red (17%)
- Green (14%)
- Blue (46%)



- Red (17%)
- Yellow (14%)
- Blue (46%)



- Cyan (64%)
- Magenta (70%)
- Yellow (0%)
- Black (54%)



- Cyan (83%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2376 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 2B2376 by changing the saturation by 10% instead.

 2B2376

 2B2376

FFFFFF

 060E5D

 6250AB

 000045

 7D69C7

 00032D

 9982E3

 000118

 B59CFF

 000000

 D1B7FF

 EED3FF

 FFF0FF

 2B2376

 2B2376

■ 201776

■ 362F76

■ 160B76

■ 403B76

■ 0B0076

■ 4B4676

■ 565276

■ 605E76

■ 6B6A76

■ 767676

■ 808176

■ 8B8D76

Harmonies

Analogous

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



003683



2B2376



610056

Triad

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



2B2376



591E00



004034

Complementary

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



2B2376



6E7623

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.



003E05



2B2376



3A3100

Square

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



2B2376



6E0003



093A00



00405C

Rectangle

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



2B2376



70003C



093A00



003F25

Sweetspot

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



2B2376



7C7999



236F76



3B394D



CCCCCC



4D4D4D

Same Dimension

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



2B2376



251899



532376



35353B



0C007A



1800FA

Inverse Universe

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



76236E



99188D



467623



3B353A



7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 2B2376 looks on a white background.

Color Contrast Check

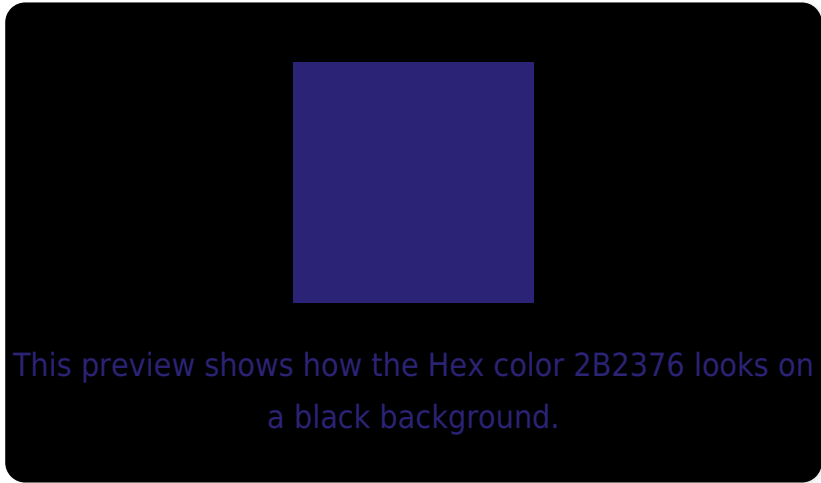
Large Text (above 18pt) WCAG AA ✓ Pass

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

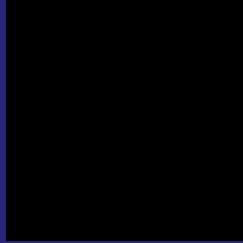
Any Text WCAG AA × Fail

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 2B2376 Background



This preview shows how black text looks on a background with the Hex color 2B2376.



This preview shows how white text looks on a background with the Hex color 2B2376.

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
2B2376

Protanopia
002F64

Deuteranopia
003256



Tritanopia
00363B

Trichromacy



Original Color
2B2376

Protanomaly
102B6B

Deuteranomaly
102D62

Tritanomaly
102F50

Monochromacy



Original Color
2B2376

Achromatopsia
2F2F2F

Achromatomaly
2E2B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2376 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 #2B2376 looks like.

```
.text, #text, p{  
    color:#2B2376  
}
```

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 #2B2376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2376
}
```

Border

The CSS property to change the border of an element to Hex 2B2376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

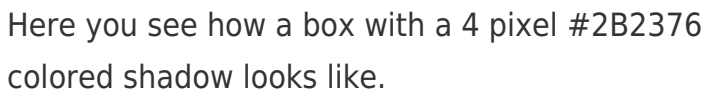
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2376 }
```

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

```
.border{ border-color:#2B2376 }
```

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



Here you see how a box with a 4 pixel #2B2376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2376; -webkit-box-shadow:4px 4px  
4px 4px #2B2376; box-shadow:4px 4px 4px  
4px #2B2376 }
```

Background

The CSS property to change the background color of an element to Hex 2B2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2376 }
```

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

```
.background{ background-color:#2B2376 }
```

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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