

Converting Colors

Hex(2B3A75)

Have a look what the booklet for
Hex(2B3A75) contains.

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Color

Hex(2B3A75)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2B3A75 |
| RGB | 43, 58, 117 |
| RGB Percent | 17%, 23%, 46% |
| CMY | 0.8314, 0.7725, 0.5412 |
| CMYK | 0.63, 0.50, 0.00, 0.54 |
| HSL | 228°, 46%, 31% |
| HSV | 228°, 63%, 46% |
| XYZ | 5.7202, 4.8241, 17.4593 |
| YIQ | 60.2410, -27.8790, 15.1690 |

Conversions

Conversions Part 2

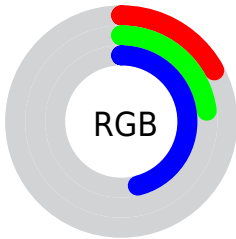
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 43, 55, 117 |
| Decimal | 2833013 |
| CIELab | 26.23, 13.93, -35.85 |
| CIElCh | 26, 38.460, 291.230 |
| Yxy | 4.8241, 0.2043, 0.1723 |
| Android (android.graphics.Color) | 4281023093 (0xFF2B3A75) |
| YUV | 60.2410, 27.9822, -15.1204 |
| Hunter-Lab | 21.9637, 8.0517, -31.7558 |

Details

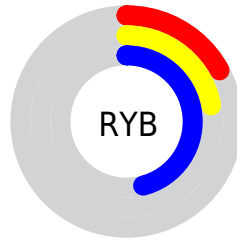
The Hex color **2B3A75** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75662B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6069AA**, and **001144** is the 20% darker color. If you saturate the color by 10%, you get **1F3175**, and if you desaturate by 10%, it is **374375**.

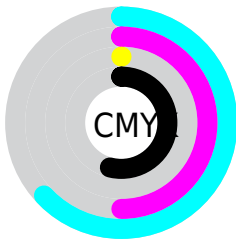
Distribution



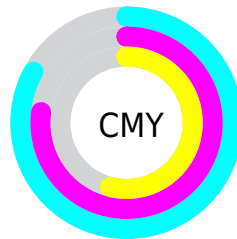
- Red (17%)
- Green (23%)
- Blue (46%)



- Red (17%)
- Yellow (22%)
- Blue (46%)



- Cyan (63%)
- Magenta (50%)
- Yellow (0%)
- Black (54%)



- Cyan (83%)
- Magenta (77%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3A75 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 2B3A75 by changing the saturation by 10% instead.

■ 2B3A75

■ 2B3A75

FFFFFF

■ 0A255C

■ 6069AA

■ 001144

■ 7B82C5

■ 00032D

■ 969CE1

■ 000118

■ B1B7FE

■ 000000

■ CED2FF

■ EAEEFF

■ 2B3A75

■ 2B3A75

■ 1F3175

■ 374375

■ 142775

■ 424D75

■ 081E75

■ 4E5675

■ 001875

■ 5A5F75

■ 666975

■ 717275

■ 7D7B75

■ 898575

■ 948E75

Harmonies

Analogous

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



004478



2B3A75



592C63

Triad

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



2B3A75



672D10



004B34

Complementary

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



2B3A75



75662B

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.



0E4816



2B3A75



533A00

Square

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



2B3A75



72212B



384300



004B52

Rectangle

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



2B3A75



692352



384300



004A2A

Sweetspot

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



2B3A75



7C8299



2B7565



3B3E4D



CCCCCC



4D4D4D

Same Dimension

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



2B3A75



253C99



402B75



35363B



00197A



0033FA

Inverse Universe

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



752B3A



99253C



60752B



3B3536



7A0019



FA0033

Previews

White Background



This preview shows how the Hex color 2B3A75 looks on a white background.

Color Contrast Check

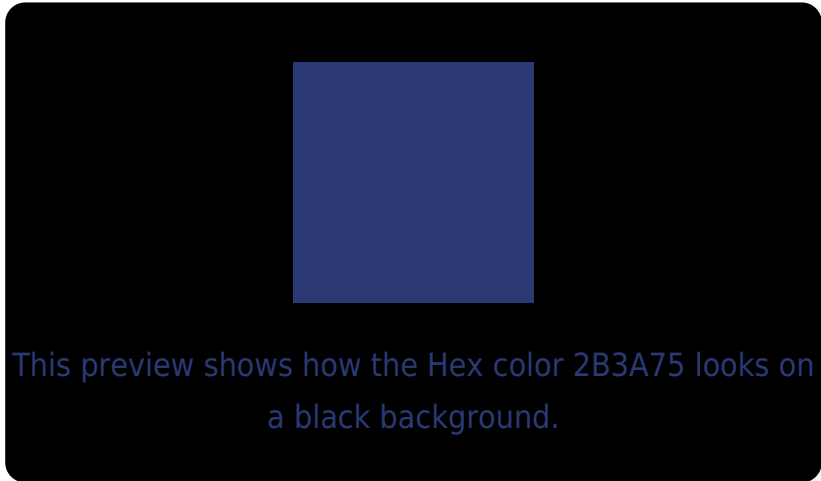
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B3A75 Background



This preview shows how black text looks on a background with the Hex color 2B3A75.



This preview shows how white text looks on a background with the Hex color 2B3A75.

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](#).

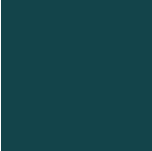
Dichromacy



Original Color
2B3A75

Protanopia
1C3C77

Deuteranopia
003F6F



Tritanopia
13444A

Trichromacy



Original Color
2B3A75

Protanomaly
213B76

Deuteranomaly
103D71

Tritanomaly
1C405A

Monochromacy



Original Color
2B3A75

Achromatopsia
3C3C3C

Achromatomaly
363B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3A75 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 #2B3A75 looks like.

```
.text, #text, p{  
    color:#2B3A75  
}
```

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 #2B3A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3A75
}
```

Border

The CSS property to change the border of an element to Hex 2B3A75 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
#2B3A75 }
```

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

```
.border{ border-color:#2B3A75 }
```

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

Here you see how a box with a 4 pixel #2B3A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3A75; -webkit-box-shadow:4px 4px  
4px 4px #2B3A75; box-shadow:4px 4px 4px  
4px #2B3A75 }
```

Background

The CSS property to change the background color of an element to Hex 2B3A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3A75 }
```

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

```
.background{ background-color:#2B3A75 }
```

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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