

Converting Colors

Hex(2A3B73)

Have a look what the booklet for
Hex(2A3B73) contains.

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Color

Hex(2A3B73)

Conversions

Conversions Part 1

Format	Color
Hex	2A3B73
RGB	42, 59, 115
RGB Percent	16%, 23%, 45%
CMY	0.8353, 0.7686, 0.5490
CMYK	0.63, 0.49, 0.00, 0.55
HSL	226°, 46%, 31%
HSV	226°, 63%, 45%
XYZ	5.6133, 4.8580, 16.8615
YIQ	60.3010, -28.1080, 13.8120

Conversions

Conversions Part 2

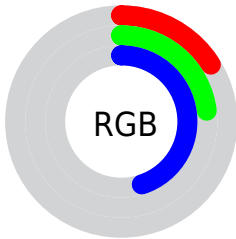
Format	Color
R _Y B	42, 56, 115
Decimal	2767731
CIE Lab	26.33, 12.27, -34.42
CIE LCh	26, 36.547, 289.622
Yxy	4.8580, 0.2054, 0.1777
Android (android.graphics.Color)	4280957811 (0xFF2A3B73)
YUV	60.3010, 26.9666, -16.0500
Hunter-Lab	22.0408, 6.8887, -29.9290

Details

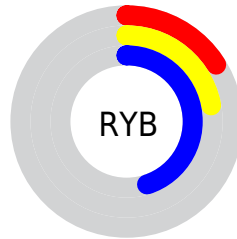
The Hex color **2A3B73** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73622A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5F6AA7**, and **001242** is the 20% darker color. If you saturate the color by 10%, you get **1F3273**, and if you desaturate by 10%, it is **364473**.

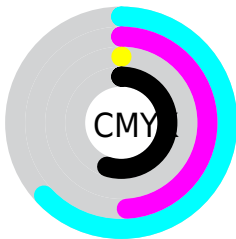
Distribution



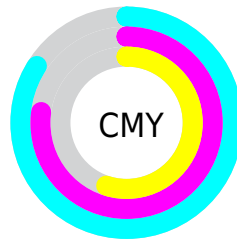
- Red (16%)
- Green (23%)
- Blue (45%)



- Red (16%)
- Yellow (22%)
- Blue (45%)



- Cyan (63%)
- Magenta (49%)
- Yellow (0%)
- Black (55%)



- Cyan (84%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3B73 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 2A3B73 by changing the saturation by 10% instead.

■ 2A3B73

■ 2A3B73

FFFFFF

■ 09265A

■ 5F6AA7

■ 001242

■ 7983C3

■ 00032C

■ 949DDF

■ 000116

■ B0B8FC

■ 000000

■ CCD3FF

■ E9F0FF

■ 2A3B73

■ 2A3B73

■ 1F3273

■ 364473

■ 132973

■ 414D73

■ 072173

■ 4D5573

■ 001B73

■ 585E73

■ 646773

■ 6F7073

■ 7B7973

■ 868273

■ 928A73

Harmonies

Analogous

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



004475



2A3B73



562E63

Triad

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



2A3B73



672E14



004B33

Complementary

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



2A3B73



73622A

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.



164818



2A3B73



543A00

Square

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



2A3B73



70242D



3A4201



004B50

Rectangle

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



2A3B73



662652



3A4201



004A2A

Sweetspot

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



2A3B73



7A8196



2A7362



3B3F4D



CCCCCC



4D4D4D

Same Dimension

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



2A3B73



243F96



3D2A73



35363B



001D7A



003AFA

Inverse Universe

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



732A3B



96243F



60732A



3B3536



7A001D



FA003A

Previews

White Background



This preview shows how the Hex color 2A3B73 looks on a white background.

Color Contrast Check

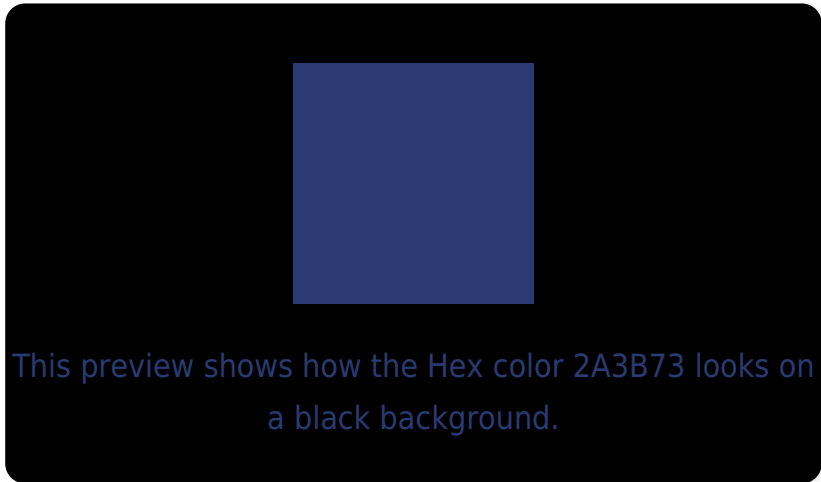
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A3B73 Background



This preview shows how black text looks on a background with the Hex color 2A3B73.



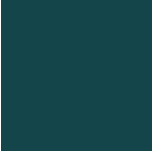
This preview shows how white text looks on a background with the Hex color 2A3B73.

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





Tritanopia
13454A

Trichromacy



Original Color
2A3B73

Protanomaly
243C74

Deuteranomaly
0F3E71

Tritanomaly
1B4159

Monochromacy



Original Color
2A3B73

Achromatopsia
3C3C3C

Achromatomaly
353C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3B73 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 #2A3B73 looks like.

```
.text, #text, p{  
    color:#2A3B73  
}
```

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 #2A3B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3B73
}
```

Border

The CSS property to change the border of an element to Hex 2A3B73 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".

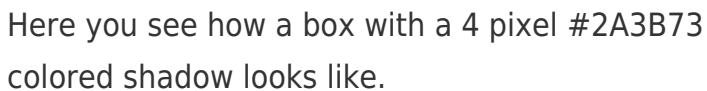
```
.border, #border, table{ border:4px solid
#2A3B73 }
```

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

```
.border{ border-color:#2A3B73 }
```

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

Here you see how a box with a 4 pixel #2A3B73 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3B73; -webkit-box-shadow:4px 4px  
4px 4px #2A3B73; box-shadow:4px 4px 4px  
4px #2A3B73 }
```

Background

The CSS property to change the background color of an element to Hex 2A3B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3B73 }
```

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

```
.background{ background-color:#2A3B73 }
```

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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