

Converting Colors

Hex(2A45A4)

Have a look what the booklet for
Hex(2A45A4) contains.

Hex(2A45A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A45A4)

Conversions

Conversions Part 1

Format	Color
Hex	2A45A4
RGB	42, 69, 164
RGB Percent	16%, 27%, 64%
CMY	0.8353, 0.7294, 0.3569
CMYK	0.74, 0.58, 0.00, 0.36
HSL	227°, 59%, 40%
HSV	227°, 74%, 64%
XYZ	9.7838, 7.4288, 36.0402
YIQ	71.7570, -46.5870, 23.8210

Conversions

Conversions Part 2

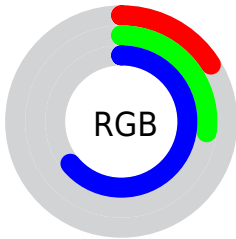
Format	Color
R_{YB}	42, 64, 164
Decimal	2770340
CIE _{Lab}	32.76, 24.14, -54.27
CIE _{LCh}	33, 59.399, 293.979
Yxy	7.4288, 0.1837, 0.1395
Android (android.graphics.Color)	4280960420 (0xFF2A45A4)
YUV	71.7570, 45.4758, -26.0969
Hunter-Lab	27.2559, 16.3769, -59.3196

Details

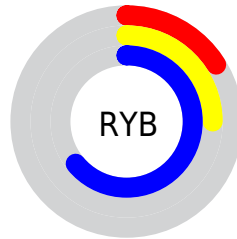
The Hex color **2A45A4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A4892A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6975DC**, and **001B6F** is the 20% darker color. If you saturate the color by 10%, you get **1A38A4**, and if you desaturate by 10%, it is **3A52A4**.

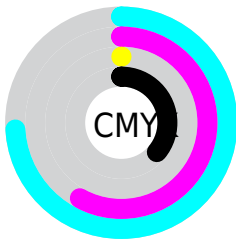
Distribution



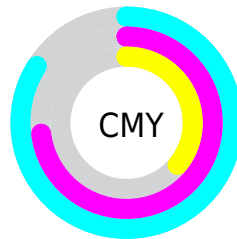
- Red (16%)
- Green (27%)
- Blue (64%)



- Red (16%)
- Yellow (25%)
- Blue (64%)



- Cyan (74%)
- Magenta (58%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (73%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A45A4 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 2A45A4 by changing the saturation by 10% instead.

■ 2A45A4

■ 2A45A4

FFFFFF

■ 002F89

■ 6975DC

■ 001B6F

■ 868EF9

■ 000356

■ A3A9FF

■ 00063E

■ C0C4FF

■ 000327

■ DDE0FF

■ 000111

■ FBFCFF

■ 000000

■ 2A45A4

■ 2A45A4

■ 1A38A4

■ 3A52A4

■ 092BA4

■ 4B5FA4

■ 0024A4

■ 5B6BA4

■ 6C78A4

■ 7C85A4

■ 8C92A4

■ 9D9EA4

■ ADABA4

■ BEB8A4

Harmonies

Analogous

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



0056AC



2A45A4



7A2985

Triad

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



2A45A4



883100



006042

Complementary

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



2A45A4



A4892A

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.



005D0C



2A45A4



674800

Square

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



2A45A4



9B0E2B



3B5600



006172

Rectangle

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



2A45A4



920E68



3B5600



005F31

Sweetspot

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



2A45A4



A7B2D6



2AA488



4F556B



EBEBEB



6B6B6B

Same Dimension

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



2A45A4



1842D6



4B2AA4



494B52



002091



000412

Inverse Universe

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



A42A45



D61842



83A42A



52494B



910020



120004

Previews

White Background



This preview shows how the Hex color 2A45A4 looks on a white background.

Color Contrast Check

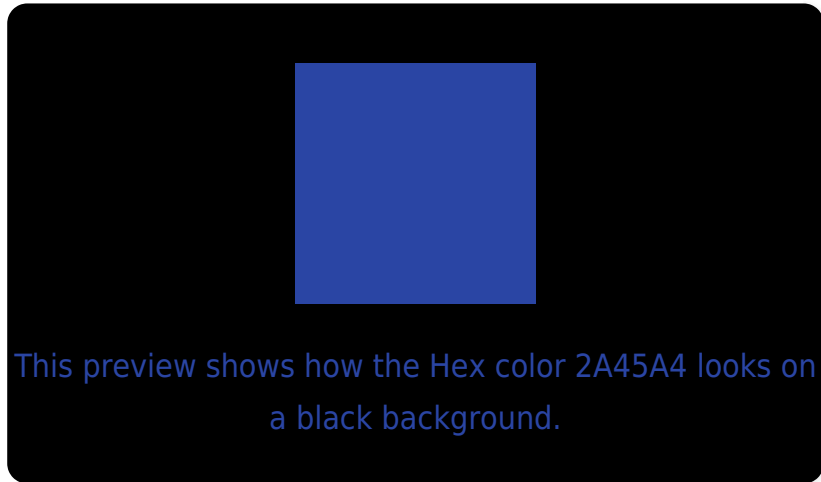
Large Text (above 18pt) WCAG AA ✓ Pass

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

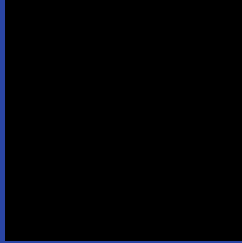
Any Text WCAG AA × Fail

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 2A45A4 Background



This preview shows how black text looks on a background with the Hex color 2A45A4.

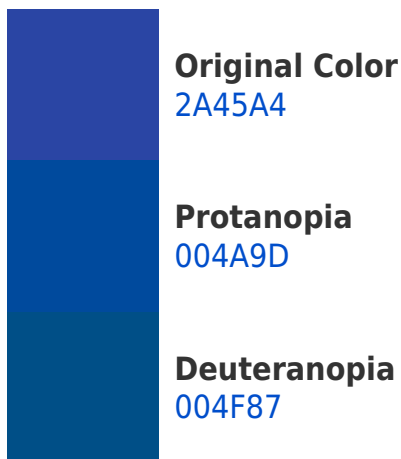


This preview shows how white text looks on a background with the Hex color 2A45A4.

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
00555B

Trichromacy



Original Color
2A45A4

Protanomaly
0F48A0

Deuteranomaly
0F4B92

Tritanomaly
0F4F76

Monochromacy



Original Color
2A45A4

Achromatopsia
484848

Achromatomaly
3D4769

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A45A4 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 #2A45A4 looks like.

```
.text, #text, p{  
    color:#2A45A4  
}
```

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 #2A45A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A45A4
}
```

Border

The CSS property to change the border of an element to Hex 2A45A4 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
#2A45A4 }
```

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

```
.border{ border-color:#2A45A4 }
```

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

Here you see how a box with a 4 pixel #2A45A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A45A4; -webkit-box-shadow:4px 4px  
4px 4px #2A45A4; box-shadow:4px 4px 4px  
4px #2A45A4 }
```

Background

The CSS property to change the background color of an element to Hex 2A45A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A45A4 }
```

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

```
.background{ background-color:#2A45A4 }
```

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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