

Converting Colors

Hex(25358A)

Have a look what the booklet for
Hex(25358A) contains.

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Color

Hex(25358A)

Conversions

Conversions Part 1

Format	Color
Hex	25358A
RGB	37, 53, 138
RGB Percent	15%, 21%, 54%
CMY	0.8549, 0.7922, 0.4588
CMYK	0.73, 0.62, 0.00, 0.46
HSL	230°, 58%, 34%
HSV	230°, 73%, 54%
XYZ	6.6235, 4.7745, 24.6172
YIQ	57.9060, -36.8210, 23.0430

Conversions

Conversions Part 2

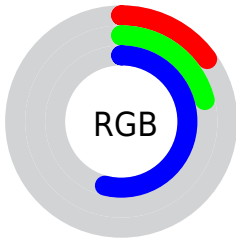
Format	Color
R_{YB}	37, 51, 138
Decimal	2438538
CIE _{Lab}	26.08, 24.37, -49.28
CIE _{LCh}	26, 54.979, 296.308
Yxy	4.7745, 0.1839, 0.1326
Android (android.graphics.Color)	4280628618 (0xFF25358A)
YUV	57.9060, 39.4863, -18.3346
Hunter-Lab	21.8506, 15.8694, -51.5015

Details

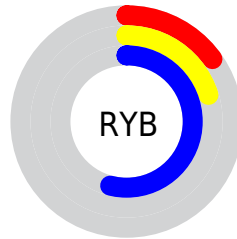
The Hex color **25358A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8A7A25**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6163C0**, and **000C57** is the 20% darker color. If you saturate the color by 10%, you get **17298A**, and if you desaturate by 10%, it is **33418A**.

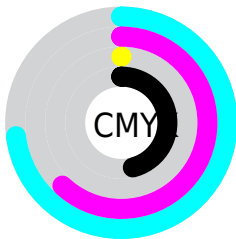
Distribution



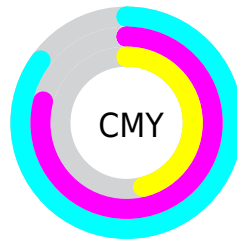
- Red (15%)
- Green (21%)
- Blue (54%)



- Red (15%)
- Yellow (20%)
- Blue (54%)



- Cyan (73%)
- Magenta (62%)
- Yellow (0%)
- Black (46%)



- Cyan (85%)
- Magenta (79%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25358A 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 25358A by changing the saturation by 10% instead.

■ 25358A

■ 25358A

FFFFFF

■ 002070

■ 6163C0

■ 000C57

■ 7C7CDC

■ 00013F

■ 9996F9

■ 000328

■ B5B1FF

■ 000112

■ D2CCFF

■ 000000

■ EFE8FF

■ 25358A

■ 25358A

■ 17298A

■ 33418A

■ 091E8A

■ 414C8A

■ 00168A

■ 4E588A

■ 5C638A

■ 6A6F8A

■ 787B8A

■ 86868A

■ 93928A

■ A19E8A

Harmonies

Analogous

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



004593



25358A



69186D

Triad

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



25358A



702600



004E37

Complementary

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



25358A



8A7A25

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.



004C07



25358A



513A00

Square

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



25358A



82001C



294600



004F62

Rectangle

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



25358A



7C0053



294600



004E28

Sweetspot

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



25358A



8B91B3



258A79



424659



D9D9D9



595959

Same Dimension

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



25358A



152EB3



47258A



3E3F45



001585



000105

Inverse Universe

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



8A2535



B3152E



688A25



453E3F



850015



050001

Previews

White Background



This preview shows how the Hex color 25358A looks on a white background.

Color Contrast Check

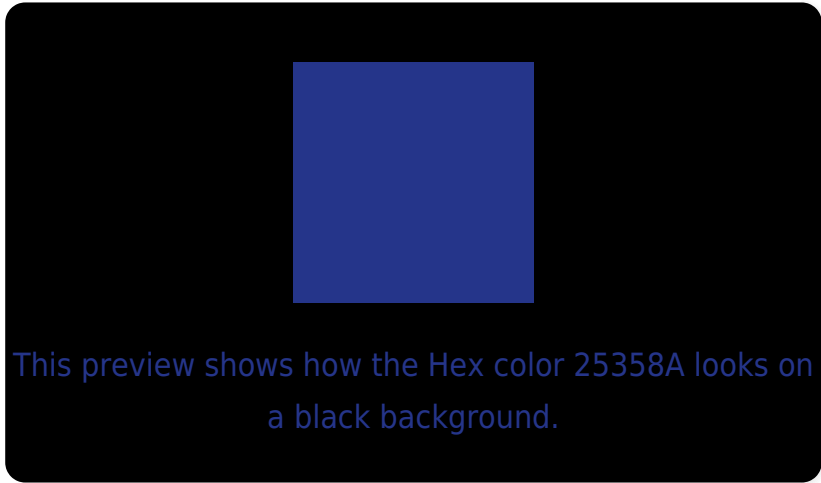
Large Text (above 18pt) WCAG AA ✓ Pass

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

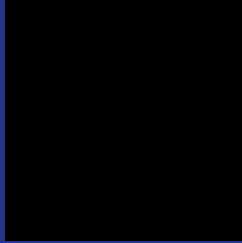
Any Text WCAG AA × Fail

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 25358A Background



This preview shows how black text looks on a background with the Hex color 25358A.



This preview shows how white text looks on a background with the Hex color 25358A.

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
25358A

Protanopia
003C7E

Deuteranopia
003F6C

Trichromacy



Original Color
25358A

Protanomaly
0D3982

Deuteranomaly
0D3B77

Tritanomaly
0D3F61

Monochromacy



Original Color
25358A

Achromatopsia
3A3A3A

Achromatomaly
323857

CSS Examples

Text

The CSS property to change the color of the text to Hex 25358A 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 #25358A looks like.

```
.text, #text, p{  
    color:#25358A  
}
```

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 #25358A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25358A
}
```

Border

The CSS property to change the border of an element to Hex 25358A 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".

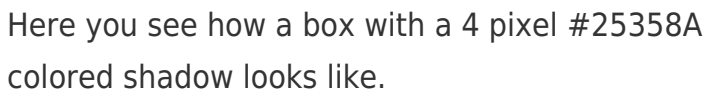
```
.border, #border, table{ border:4px solid
#25358A }
```

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

```
.border{ border-color:#25358A }
```

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

Here you see how a box with a 4 pixel #25358A colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25358A; -webkit-box-shadow:4px 4px  
4px 4px #25358A; box-shadow:4px 4px 4px  
4px #25358A }
```

Background

The CSS property to change the background color of an element to Hex 25358A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25358A }
```

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

```
.background{ background-color:#25358A }
```

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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