

Converting Colors

Hex(5642A8)

Have a look what the booklet for
Hex(5642A8) contains.

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Color

Hex(5642A8)

Conversions

Conversions Part 1

Format	Color
Hex	5642A8
RGB	86, 66, 168
RGB Percent	34%, 26%, 66%
CMY	0.6627, 0.7412, 0.3412
CMYK	0.49, 0.61, 0.00, 0.34
HSL	252°, 44%, 46%
HSV	252°, 61%, 66%
XYZ	12.8538, 8.7020, 38.0480
YIQ	83.6080, -20.8220, 35.9620

Conversions

Conversions Part 2

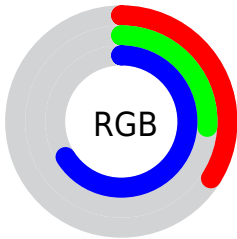
Format	Color
R_{YB}	86, 66, 168
Decimal	5653160
CIE _{Lab}	35.40, 35.08, -52.24
CIE _{LCh}	35, 62.926, 303.878
Yxy	8.7020, 0.2157, 0.1460
Android (android.graphics.Color)	4283843240 (0xFF5642A8)
YUV	83.6080, 41.6053, 2.0978
Hunter-Lab	29.4992, 26.1553, -55.8227

Details

The Hex color **5642A8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **94A842**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8E73E0**, and **191573** is the 20% darker color. If you saturate the color by 10%, you get **4831A8**, and if you desaturate by 10%, it is **6453A8**.

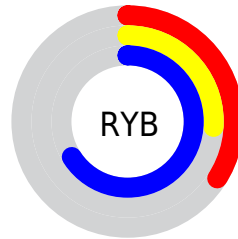
Distribution



Red (34%)

Green (26%)

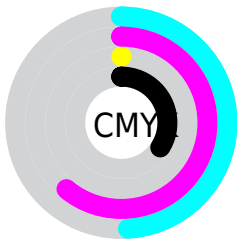
Blue (66%)



Red (34%)

Yellow (26%)

Blue (66%)

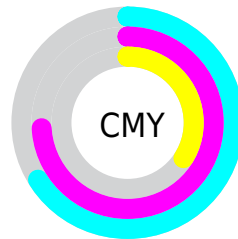


Cyan (49%)

Magenta (61%)

Yellow (0%)

Black (34%)



Cyan (66%)

Magenta (74%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5642A8 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 5642A8 by changing the saturation by 10% instead.

■ 5642A8

■ 5642A8

FFFFFF

■ 3A2B8D

■ 8E73E0

■ 191573

■ AA8DFD

■ 00005A

■ C6A7FF

■ 000042

■ E4C3FF

■ 00032A

■ FFDFFF

■ 000115

■ FFFBFF

■ 000000

■ 5642A8

■ 5642A8

■ 4831A8

■ 6453A8

■ 3B20A8

■ 7164A8

■ 2D10A8

■ 7F74A8

■ 2100A8

■ 8C85A8

■ 9A96A8

■ A7A7A8

■ B5B8A8

■ C2C8A8

■ D0D9A8

Harmonies

Analogous

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



0058B9



5642A8



921F81

Triad

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



5642A8



883F00



006859

Complementary

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



5642A8



94A842

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.



006523



5642A8



615400

Square

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



5642A8



A21E1E



2A6000



00688B

Rectangle

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



5642A8



A40060



2A6000



006747

Sweetspot

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



5642A8



BCB4DB



4295A8



5A566E



EDEDED



6E6E6E

Same Dimension

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



5642A8



5B3BDB



8842A8



4D4C54



1D0094



040014

Inverse Universe

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



A84294



DB3BBC



62A842



544C53



940077



140010

Previews

White Background



This preview shows how the Hex color 5642A8 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

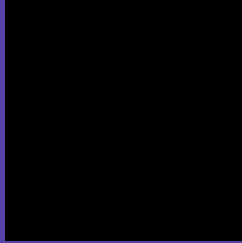
Any Text WCAG AA × Fail

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 5642A8 Background



This preview shows how black text looks on a background with the Hex color 5642A8.



This preview shows how white text looks on a background with the Hex color 5642A8.

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
5642A8

Protanopia
0050AA

Deuteranopia
005594



Tritanopia
41575E

Trichromacy



Original Color
5642A8

Protanomaly
1F4BA9

Deuteranomaly
1F4E9B

Tritanomaly
494F79

Monochromacy



Original Color
5642A8

Achromatopsia
545454

Achromatomaly
554D73

CSS Examples

Text

The CSS property to change the color of the text to Hex 5642A8 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 #5642A8 looks like.

```
.text, #text, p{  
    color:#5642A8  
}
```

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 #5642A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5642A8
}
```

Border

The CSS property to change the border of an element to Hex 5642A8 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
#5642A8 }
```

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

```
.border{ border-color:#5642A8 }
```

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

Here you see how a box with a 4 pixel #5642A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5642A8; -webkit-box-shadow:4px 4px  
4px 4px #5642A8; box-shadow:4px 4px 4px  
4px #5642A8 }
```

Background

The CSS property to change the background color of an element to Hex 5642A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5642A8 }
```

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

```
.background{ background-color:#5642A8 }
```

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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