

Converting Colors

Hex(5642A3)

Have a look what the booklet for
Hex(5642A3) contains.

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Color

Hex(5642A3)

Conversions

Conversions Part 1

Format	Color
Hex	5642A3
RGB	86, 66, 163
RGB Percent	34%, 26%, 64%
CMY	0.6627, 0.7412, 0.3608
CMYK	0.47, 0.60, 0.00, 0.36
HSL	252°, 42%, 45%
HSV	252°, 60%, 64%
XYZ	12.3968, 8.5192, 35.6413
YIQ	83.0380, -19.2170, 34.4070

Conversions

Conversions Part 2

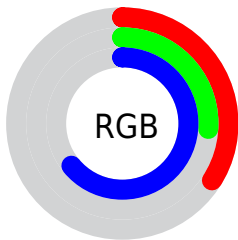
Format	Color
R_{YB}	86, 66, 163
Decimal	5653155
CIE _{Lab}	35.04, 33.56, -49.83
CIE _{LCh}	35, 60.080, 303.959
Yxy	8.5192, 0.2192, 0.1506
Android (android.graphics.Color)	4283843235 (0xFF5642A3)
YUV	83.0380, 39.4213, 2.5977
Hunter-Lab	29.1877, 24.7355, -51.9681

Details

The Hex color **5642A3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8FA342**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8D73DB**, and **1B156E** is the 20% darker color. If you saturate the color by 10%, you get **4932A3**, and if you desaturate by 10%, it is **6352A3**.

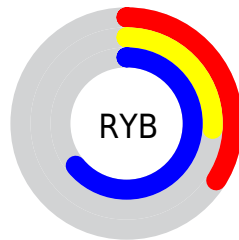
Distribution



Red (34%)

Green (26%)

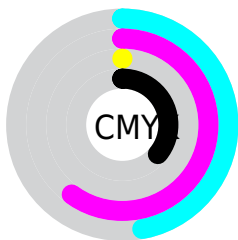
Blue (64%)



Red (34%)

Yellow (26%)

Blue (64%)

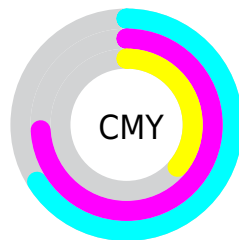


Cyan (47%)

Magenta (60%)

Yellow (0%)

Black (36%)



Cyan (66%)

Magenta (74%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5642A3 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 5642A3 by changing the saturation by 10% instead.

■ 5642A3

■ 5642A3

FFFFFF

■ 3A2B88

■ 8D73DB

■ 1B156E

■ A98DF7

■ 000055

■ C5A7FF

■ 00003D

■ E2C3FF

■ 000326

■ FFDFFF

■ 000110

■ FFFBFF

■ 000000

■ 5642A3

■ 5642A3

■ 4932A3

■ 6352A3

■ 3C21A3

■ 7063A3

■ 2F11A3

■ 7D73A3

■ 2201A3

■ 8A83A3

■ 2200A3

■ 9794A3

■ A4A4A3

■ B1B4A3

■ BEC4A3

■ CAD5A3

Harmonies

Analogous

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



0057B3



5642A3



8F237D

Triad

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



5642A3



853F00



006658

Complementary

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



5642A3



8FA342

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.



006425



5642A3



605300

Square

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



5642A3



9E2220



2C5E00



006687

Rectangle

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



5642A3



A00B5E



2C5E00



006647

Sweetspot

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



5642A3



B5AED4



4290A3



58546B



EBEBEB



6B6B6B

Same Dimension

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



5642A3



5C3DD4



8642A3



4B4952



1E0091



040012

Inverse Universe

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



A3428F



D43DB5



5FA342



524950



910073



12000E

Previews

White Background



This preview shows how the Hex color 5642A3 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

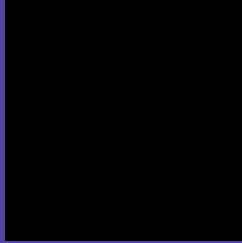
Any Text WCAG AA × Fail

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 5642A3 Background



This preview shows how black text looks on a background with the Hex color 5642A3.

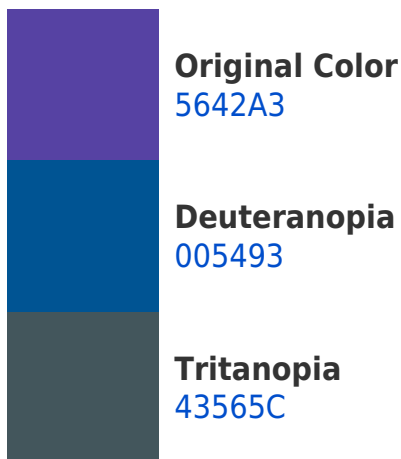


This preview shows how white text looks on a background with the Hex color 5642A3.

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



Trichromacy



Original Color
5642A3

Deuteranomaly
1F4D99

Tritanomaly
4A4F76

Monochromacy



Original Color
5642A3

Achromatopsia
535353

Achromatomaly
544D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 5642A3 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 #5642A3 looks like.

```
.text, #text, p{  
    color:#5642A3  
}
```

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 #5642A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5642A3
}
```

Border

The CSS property to change the border of an element to Hex 5642A3 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
#5642A3 }
```

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

```
.border{ border-color:#5642A3 }
```

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

Here you see how a box with a 4 pixel #5642A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5642A3; -webkit-box-shadow:4px 4px  
4px 4px #5642A3; box-shadow:4px 4px 4px  
4px #5642A3 }
```

Background

The CSS property to change the background color of an element to Hex 5642A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5642A3 }
```

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

```
.background{ background-color:#5642A3 }
```

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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