

Converting Colors

Hex(5061A3)

Have a look what the booklet for
Hex(5061A3) contains.

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Color

Hex(5061A3)

Conversions

Conversions Part 1

Format	Color
Hex	5061A3
RGB	80, 97, 163
RGB Percent	31%, 38%, 64%
CMY	0.6863, 0.6196, 0.3608
CMYK	0.51, 0.40, 0.00, 0.36
HSL	228°, 34%, 48%
HSV	228°, 51%, 64%
XYZ	14.1938, 12.8992, 36.3920
YIQ	99.4410, -31.3180, 16.9220

Conversions

Conversions Part 2

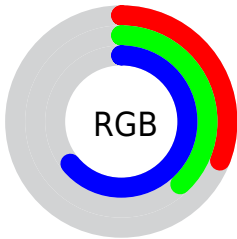
Format	Color
R_{YB}	80, 94, 163
Decimal	5267875
CIE _{Lab}	42.61, 12.64, -37.74
CIE _{LCh}	43, 39.803, 288.512
Yxy	12.8992, 0.2236, 0.2032
Android (android.graphics.Color)	4283457955 (0xFF5061A3)
YUV	99.4410, 31.3346, -17.0498
Hunter-Lab	35.9155, 7.6913, -34.9359

Details

The Hex color **5061A3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A39250**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8693DA**, and **16336F** is the 20% darker color. If you saturate the color by 10%, you get **4054A3**, and if you desaturate by 10%, it is **606EA3**.

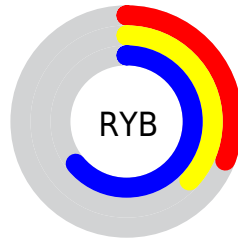
Distribution



Red (31%)

Green (38%)

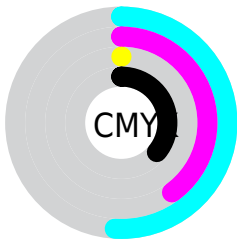
Blue (64%)



Red (31%)

Yellow (37%)

Blue (64%)

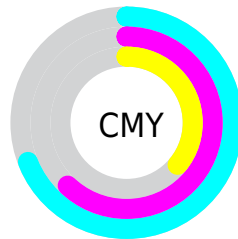


Cyan (51%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (69%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5061A3 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 5061A3 by changing the saturation by 10% instead.

■ 5061A3

■ 5061A3

FFFFFF

■ 354988

■ 8693DA

■ 16336F

■ A2AEF7

■ 001F56

■ BEC9FF

■ 00063E

■ DAE5FF

■ 000328

■ F8FFFF

■ 000111

■ 000000

■ 5061A3

■ 5061A3

■ 4054A3

■ 606EA3

■ 2F47A3

■ 717BA3

■ 1F3AA3

■ 8188A3

■ 0F2DA3

■ 9195A3

■ 0021A3

■ A2A2A3

■ B2AFA3

■ C2BCA3

■ D2C9A3

■ E3D6A3

Harmonies

Analogous

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



006CA5



5061A3



805490

Triad

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



5061A3



985234



007456

Complementary

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



5061A3



A39250

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.



3D7037



5061A3



825E21

Square

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



5061A3



A14852



636922



007578

Rectangle

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



5061A3



944C7D



636922



0F734B

Sweetspot

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



5061A3



B4BAD4



50A391



585C6B



EBEBEB



6B6B6B

Same Dimension

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



5061A3



536DD4



6850A3



494B52



001E91



000412

Inverse Universe

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



A35061



D4536D



8BA350



52494B



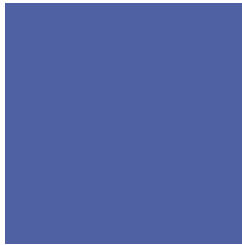
91001E



120004

Previews

White Background



This preview shows how the Hex color 5061A3 looks on a white background.

Color Contrast Check

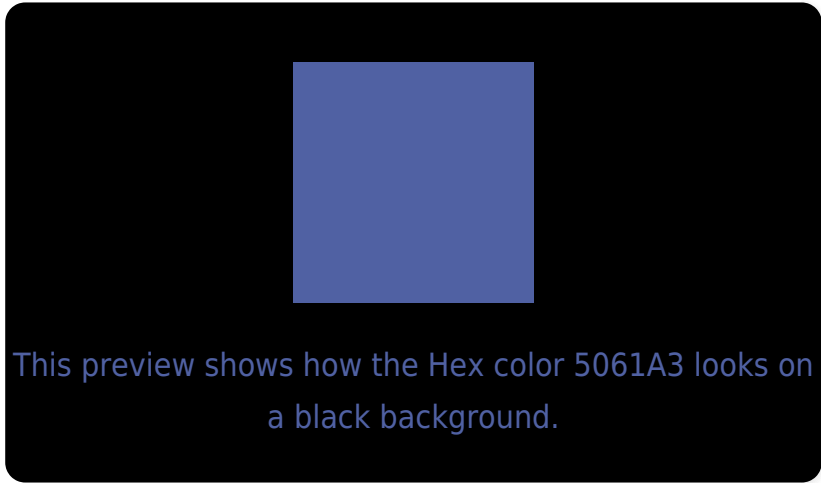
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5061A3 Background



This preview shows how black text looks on a background with the Hex color 5061A3.



This preview shows how white text looks on a background with the Hex color 5061A3.

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
5061A3

Protanopia
4A62A4

Deuteranopia
3F65A2



Tritanopia
416B74

Trichromacy



Original Color
5061A3

Protanomaly
4C62A4

Deuteranomaly
4564A2

Tritanomaly
466785

Monochromacy



Original Color
5061A3

Achromatopsia
636363

Achromatomaly
5C627A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5061A3 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 #5061A3 looks like.

```
.text, #text, p{  
    color:#5061A3  
}
```

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 #5061A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5061A3
}
```

Border

The CSS property to change the border of an element to Hex 5061A3 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
#5061A3 }
```

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

```
.border{ border-color:#5061A3 }
```

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

Here you see how a box with a 4 pixel #5061A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5061A3; -webkit-box-shadow:4px 4px  
4px 4px #5061A3; box-shadow:4px 4px 4px  
4px #5061A3 }
```

Background

The CSS property to change the background color of an element to Hex 5061A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5061A3 }
```

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

```
.background{ background-color:#5061A3 }
```

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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