

Converting Colors

Hex(5A6596)

Have a look what the booklet for
Hex(5A6596) contains.

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Color

Hex(5A6596)

Conversions

Conversions Part 1

Format	Color
Hex	5A6596
RGB	90, 101, 150
RGB Percent	35%, 40%, 59%
CMY	0.6471, 0.6039, 0.4118
CMYK	0.40, 0.33, 0.00, 0.41
HSL	229°, 25%, 47%
HSV	229°, 40%, 59%
XYZ	14.3752, 13.6830, 30.7376
YIQ	103.2970, -22.2850, 12.9070

Conversions

Conversions Part 2

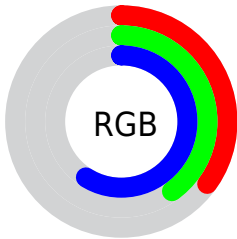
Format	Color
R_{YB}	90, 99, 150
Decimal	5924246
CIE _{Lab}	43.77, 8.75, -28.14
CIE _{LCh}	44, 29.467, 287.265
Yxy	13.6830, 0.2445, 0.2327
Android (android.graphics.Color)	4284114326 (0xFF5A6596)
YUV	103.2970, 23.0246, -11.6615
Hunter-Lab	36.9906, 4.6345, -23.3741

Details

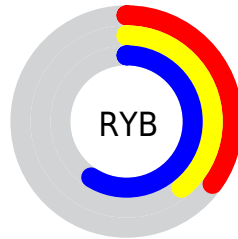
The Hex color **5A6596** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **968B5A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8E98CC**, and **283763** is the 20% darker color. If you saturate the color by 10%, you get **4B5996**, and if you desaturate by 10%, it is **697196**.

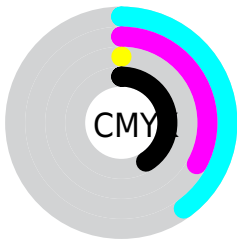
Distribution



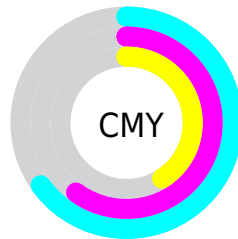
- Red (35%)
- Green (40%)
- Blue (59%)



- Red (35%)
- Yellow (39%)
- Blue (59%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (41%)



- Cyan (65%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6596 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 5A6596 by changing the saturation by 10% instead.

■ 5A6596

■ 5A6596

FFFFFF

■ 414D7C

■ 8E98CC

■ 283763

■ A9B2E9

■ 0B214B

■ C5CEFF

■ 000B34

■ E2EAFB

■ 00021E

■ 000000

■ 5A6596

■ 5A6596

■ 4B5996

■ 697196

■ 3C4D96

■ 787E96

■ 2D4096

■ 878A96

■ 1E3496

■ 969696

■ 0F2896

■ A5A296

■ 001C96

■ B4AF96

■ C3BB96

■ D2C796

■ E1D396

Harmonies

Analogous

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



2B6D97



5A6596



7C5C89

Triad

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



5A6596



905A45



2B745C

Complementary

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



5A6596



968B5A

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.



4D7045



5A6596



806238

Square

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



5A6596



97545A



696A38



007475

Rectangle

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



5A6596



8B577B



696A38



387354

Sweetspot

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



5A6596



ABAFC2



5A968B



535661



E0E0E0



616161

Same Dimension

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



5A6596



6576C2



6D5A96



43444A



00198A



00020A

Inverse Universe

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



965A65



C26576



83965A



4A4344



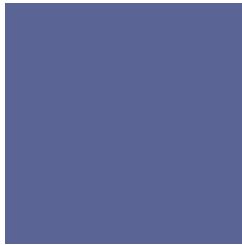
8A0019



0A0002

Previews

White Background



This preview shows how the Hex color 5A6596 looks on a white background.

Color Contrast Check

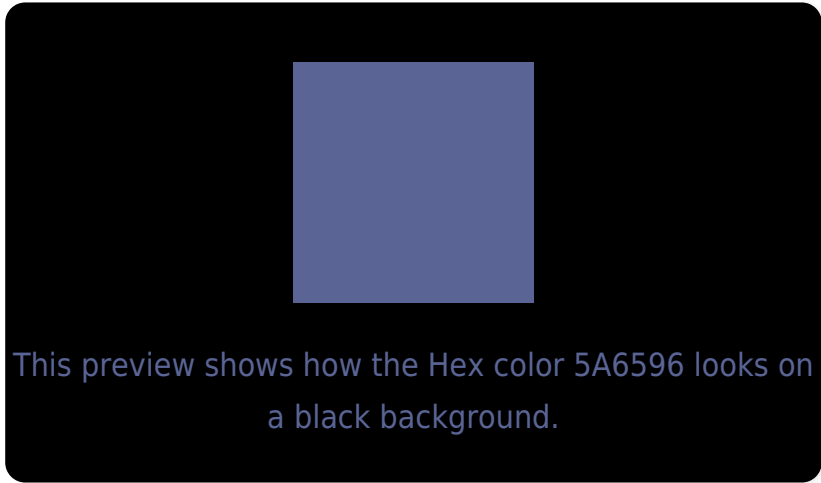
Large Text (above 18pt) WCAG AA ✓ Pass

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

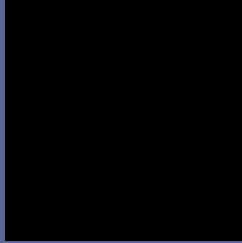
Any Text WCAG AA × Fail

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 5A6596 Background



This preview shows how black text looks on a background with the Hex color 5A6596.



This preview shows how white text looks on a background with the Hex color 5A6596.

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
5A6596

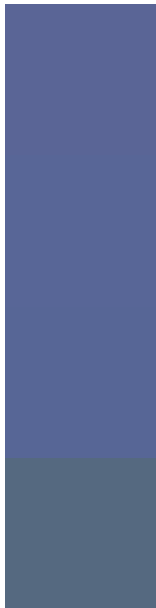
Protanopia
576697

Deuteranopia
556696



Tritanopia
526C74

Trichromacy



Original Color

5A6596

Protanomaly

586697

Deuteranomaly

576696

Tritanomaly

556980

Monochromacy



Original Color

5A6596

Achromatopsia

676767

Achromatomaly

626678

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6596 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 #5A6596 looks like.

```
.text, #text, p{  
    color:#5A6596  
}
```

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 #5A6596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6596
}
```

Border

The CSS property to change the border of an element to Hex 5A6596 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
#5A6596 }
```

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

```
.border{ border-color:#5A6596 }
```

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

Here you see how a box with a 4 pixel #5A6596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6596; -webkit-box-shadow:4px 4px  
4px 4px #5A6596; box-shadow:4px 4px 4px  
4px #5A6596 }
```

Background

The CSS property to change the background color of an element to Hex 5A6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6596 }
```

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

```
.background{ background-color:#5A6596 }
```

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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