

Converting Colors

Hex(5270A0)

Have a look what the booklet for
Hex(5270A0) contains.

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Color

Hex(5270A0)

Conversions

Conversions Part 1

Format	Color
Hex	5270A0
RGB	82, 112, 160
RGB Percent	32%, 44%, 63%
CMY	0.6784, 0.5608, 0.3725
CMYK	0.49, 0.30, 0.00, 0.37
HSL	217°, 32%, 47%
HSV	217°, 49%, 63%
XYZ	15.6190, 15.9202, 35.5074
YIQ	108.5020, -33.2880, 8.5680

Conversions

Conversions Part 2

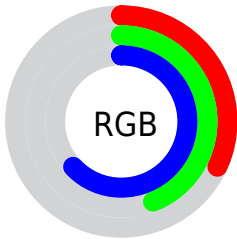
Format	Color
R_{YB}	82, 104, 160
Decimal	5402784
CIE Lab	46.87, 2.88, -29.27
CIE LCh	47, 29.408, 275.617
Yxy	15.9202, 0.2330, 0.2375
Android (android.graphics.Color)	4283592864 (0xFF5270A0)
YUV	108.5020, 25.3885, -23.2423
Hunter-Lab	39.9002, 0.0489, -24.8324

Details

The Hex color **5270A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A08252**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **87A4D7**, and **1B416C** is the 20% darker color. If you saturate the color by 10%, you get **4266A0**, and if you desaturate by 10%, it is **627AA0**.

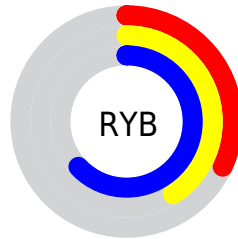
Distribution



Red (32%)

Green (44%)

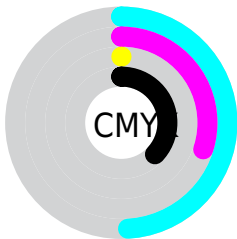
Blue (63%)



Red (32%)

Yellow (41%)

Blue (63%)

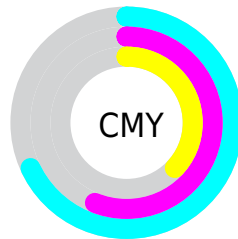


Cyan (49%)

Magenta (30%)

Yellow (0%)

Black (37%)



Cyan (68%)

Magenta (56%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5270A0 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 5270A0 by changing the saturation by 10% instead.

■ 5270A0

■ 5270A0

FFFFFF

■ 375886

■ 87A4D7

■ 1B416C

■ A3BFF3

■ 002B54

■ BFDAFF

■ 00173C

■ DBF7FF

■ 000326

■ F8FFFF

■ 00010F

■ 000000

■ 5270A0

■ 5270A0

■ 4266A0

■ 627AA0

■ 325CA0

■ 7284A0

■ 2252A0

■ 828EA0

■ 1249A0

■ 9297A0

■ 023FA0

■ A2A1A0

■ 003EA0

■ B2ABA0

■ C2B5A0

■ D2BFA0

■ E2C9A0

Harmonies

Analogous

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



21779C



5270A0



786797

Triad

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



5270A0



9D5F54



417B5A

Complementary

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



5270A0



A08252

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.



607646



5270A0



906743

Square

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



5270A0



9E5C6B



7B6F3D



197C73

Rectangle

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



5270A0



8B618B



7B6F3D



4C7952

Sweetspot

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



5270A0



B2BED1



52A081



565D69



E8E8E8



696969

Same Dimension

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



5270A0



5685D1



5A52A0



474A4F



00378F



00060F

Inverse Universe

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



A05270



D15685



98A052



4F474A



8F0037



0F0006

Previews

White Background



This preview shows how the Hex color 5270A0 looks on a white background.

Color Contrast Check

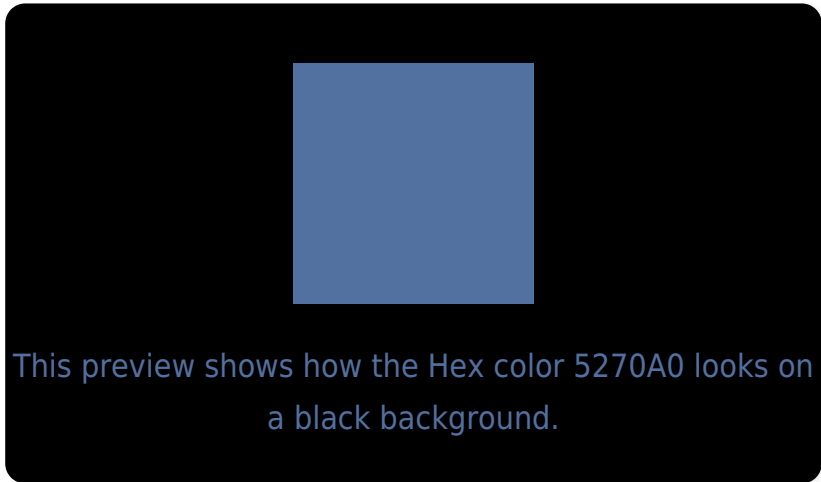
Large Text (above 18pt) WCAG AA ✓ Pass

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

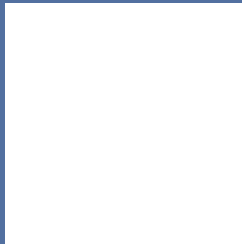
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5270A0 Background



This preview shows how black text looks on a background with the Hex color 5270A0.

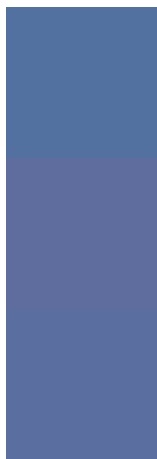


This preview shows how white text looks on a background with the Hex color 5270A0.

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
5270A0

Protanopia
5F6D9E

Deuteranopia
5B6EA0



Tritanopia
487680

Trichromacy



Original Color
5270A0

Protanomaly
5A6E9F

Deuteranomaly
586FA0

Tritanomaly
4C748C

Monochromacy



Original Color
5270A0

Achromatopsia
6D6D6D

Achromatomaly
636E80

CSS Examples

Text

The CSS property to change the color of the text to Hex 5270A0 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 #5270A0 looks like.

```
.text, #text, p{  
    color:#5270A0  
}
```

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 #5270A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5270A0
}
```

Border

The CSS property to change the border of an element to Hex 5270A0 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
#5270A0 }
```

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

```
.border{ border-color:#5270A0 }
```

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

Here you see how a box with a 4 pixel #5270A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5270A0; -webkit-box-shadow:4px 4px  
4px 4px #5270A0; box-shadow:4px 4px 4px  
4px #5270A0 }
```

Background

The CSS property to change the background color of an element to Hex 5270A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5270A0 }
```

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

```
.background{ background-color:#5270A0 }
```

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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