

Converting Colors

Hex(3160A0)

Have a look what the booklet for
Hex(3160A0) contains.

Hex(3160A0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3160A0)

Conversions

Conversions Part 1

Format	Color
Hex	3160A0
RGB	49, 96, 160
RGB Percent	19%, 38%, 63%
CMY	0.8078, 0.6235, 0.3725
CMYK	0.69, 0.40, 0.00, 0.37
HSL	215°, 53%, 41%
HSV	215°, 69%, 63%
XYZ	11.7947, 11.5568, 34.8667
YIQ	89.2430, -48.5560, 9.9400

Conversions

Conversions Part 2

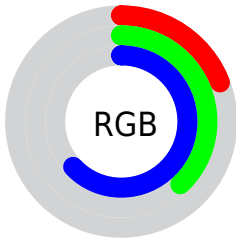
Format	Color
R_{YB}	49, 82, 160
Decimal	3236000
CIE _{Lab}	40.50, 5.85, -39.41
CIE _{LCh}	41, 39.842, 278.439
Yxy	11.5568, 0.2026, 0.1985
Android (android.graphics.Color)	4281426080 (0xFF3160A0)
YUV	89.2430, 34.8832, -35.2931
Hunter-Lab	33.9953, 2.4389, -37.0132

Details

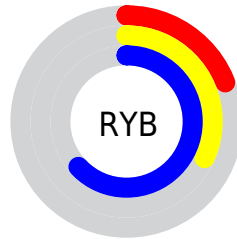
The Hex color **3160A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A07131**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6C92D7**, and **00326C** is the 20% darker color. If you saturate the color by 10%, you get **2157A0**, and if you desaturate by 10%, it is **4169A0**.

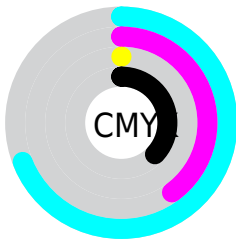
Distribution



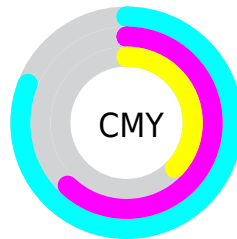
- Red (19%)
- Green (38%)
- Blue (63%)



- Red (19%)
- Yellow (32%)
- Blue (63%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)
- Black (37%)



- Cyan (81%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3160A0 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 3160A0 by changing the saturation by 10% instead.

■ 3160A0

■ 3160A0

FFFFFF

■ 044986

■ 6C92D7

■ 00326C

■ 88ADF4

■ 001E53

■ A4C8FF

■ 00033C

■ C1E4FF

■ 000225

■ DEFFF

■ 00010E

■ FCFFF

■ 000000

■ 3160A0

■ 3160A0

■ 2157A0

■ 4169A0

■ 114EA0

■ 5172A0

■ 0144A0

■ 617CA0

■ 0044A0

■ 7185A0

■ 818EA0

■ 9197A0

■ A1A1A0

■ B1AAA0

■ C1B3A0

Harmonies

Analogous

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



00699C



3160A0



6D5393

Triad

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



3160A0



974939



036E46

Complementary

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



3160A0



A07131

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.



466929



3160A0



845521

Square

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



3160A0



9B4258



69611A



006F68

Rectangle

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



3160A0



864A82



69611A



256D3C

Sweetspot

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



3160A0



A5B8D1



31A070



4E5969



E8E8E8



696969

Same Dimension

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



3160A0



246DD1



3831A0



474A4F



003C8F



00060F

Inverse Universe

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



A03160



D1246D



99A031



4F474A



8F003C



0F0006

Previews

White Background



This preview shows how the Hex color 3160A0 looks on a white background.

Color Contrast Check

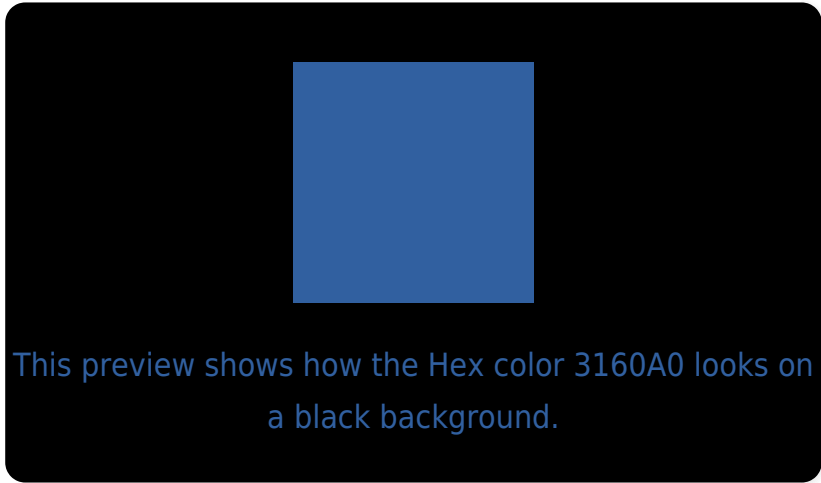
Large Text (above 18pt) WCAG AA ✓ Pass

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

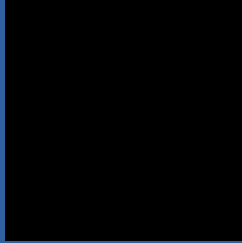
Any Text WCAG AA × Fail

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 3160A0 Background



This preview shows how black text looks on a background with the Hex color 3160A0.

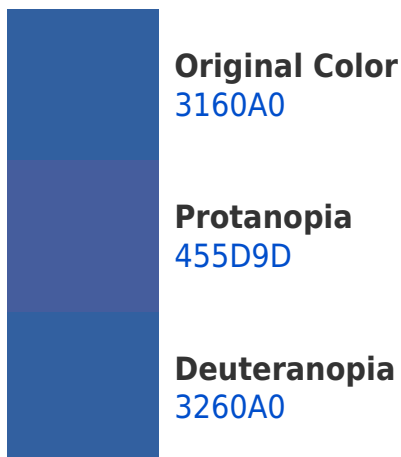


This preview shows how white text looks on a background with the Hex color 3160A0.

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](#).

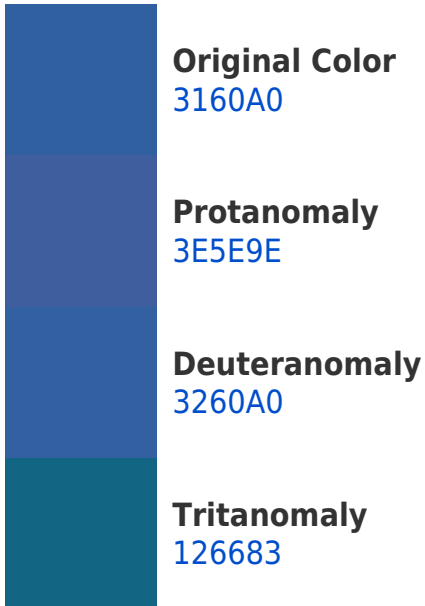
Dichromacy



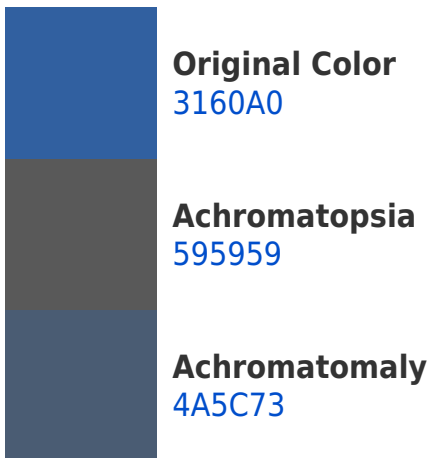


Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3160A0 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 #3160A0 looks like.

```
.text, #text, p{  
    color:#3160A0  
}
```

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 #3160A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3160A0
}
```

Border

The CSS property to change the border of an element to Hex 3160A0 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
#3160A0 }
```

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

```
.border{ border-color:#3160A0 }
```

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

Here you see how a box with a 4 pixel #3160A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3160A0; -webkit-box-shadow:4px 4px  
4px 4px #3160A0; box-shadow:4px 4px 4px  
4px #3160A0 }
```

Background

The CSS property to change the background color of an element to Hex 3160A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3160A0 }
```

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

```
.background{ background-color:#3160A0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor