

Converting Colors

Hex(3064A6)

Have a look what the booklet for
Hex(3064A6) contains.

Hex(3064A6)	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(3064A6)

Conversions

Conversions Part 1

Format	Color
Hex	3064A6
RGB	48, 100, 166
RGB Percent	19%, 39%, 65%
CMY	0.8118, 0.6078, 0.3490
CMYK	0.71, 0.40, 0.00, 0.35
HSL	214°, 55%, 42%
HSV	214°, 71%, 65%
XYZ	12.6590, 12.4959, 37.8211
YIQ	91.9760, -52.1780, 9.5020

Conversions

Conversions Part 2

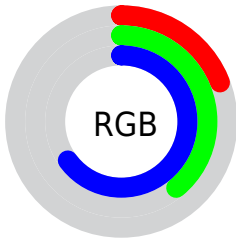
Format	Color
R_{YB}	48, 84, 166
Decimal	3171494
CIE _{Lab}	41.99, 5.37, -40.60
CIE _{LCh}	42, 40.955, 277.535
Yxy	12.4959, 0.2010, 0.1984
Android (android.graphics.Color)	4281361574 (0xFF3064A6)
YUV	91.9760, 36.4938, -38.5670
Hunter-Lab	35.3495, 2.0610, -38.6908

Details

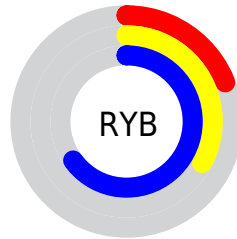
The Hex color **3064A6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A67230**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6C96DE**, and **003672** is the 20% darker color. If you saturate the color by 10%, you get **1F5BA6**, and if you desaturate by 10%, it is **416DA6**.

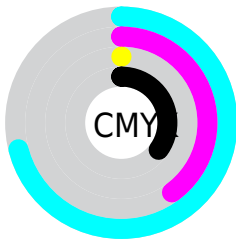
Distribution



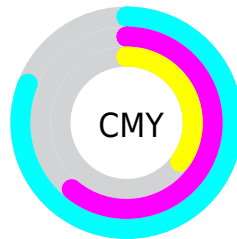
- Red (19%)
- Green (39%)
- Blue (65%)



- Red (19%)
- Yellow (33%)
- Blue (65%)



- Cyan (71%)
- Magenta (40%)
- Yellow (0%)
- Black (35%)



- Cyan (81%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3064A6 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 3064A6 by changing the saturation by 10% instead.

■ 3064A6

■ 3064A6

FFFFFF

■ 004C8B

■ 6C96DE

■ 003672

■ 89B1FA

■ 002159

■ A5CCFF

■ 000A41

■ C2E8FF

■ 00032A

■ DFFFFF

■ 000114

FDFFFF

■ 000000

■ 3064A6

■ 3064A6

■ 1F5BA6

■ 416DA6

0F51A6

5177A6

0049A6

6280A6

7289A6

8392A6

949CA6

A4A5A6

B5AEA6

C5B8A6

Harmonies

Analogous

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



006DA1



3064A6



705799

Triad

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



3064A6



9C4B3C



087248

Complementary

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



3064A6



A67230

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.



4A6D2A



3064A6



8A5823

Square

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



3064A6



A1445C



6D641B



00746B

Rectangle

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



3064A6



8A4D88



6D641B



29703D

Sweetspot

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



3064A6



ABBFD9



30A671



525E6E



EDEDED



6E6E6E

Same Dimension

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



3064A6



2172D9



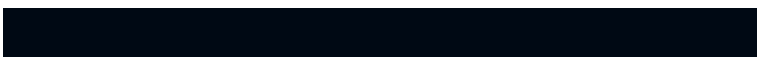
3630A6



4C4F54



004194



000914

Inverse Universe

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



A63064



D92172



A0A630



544C4F



940041



140009

Previews

White Background



This preview shows how the Hex color 3064A6 looks on a white background.

Color Contrast Check

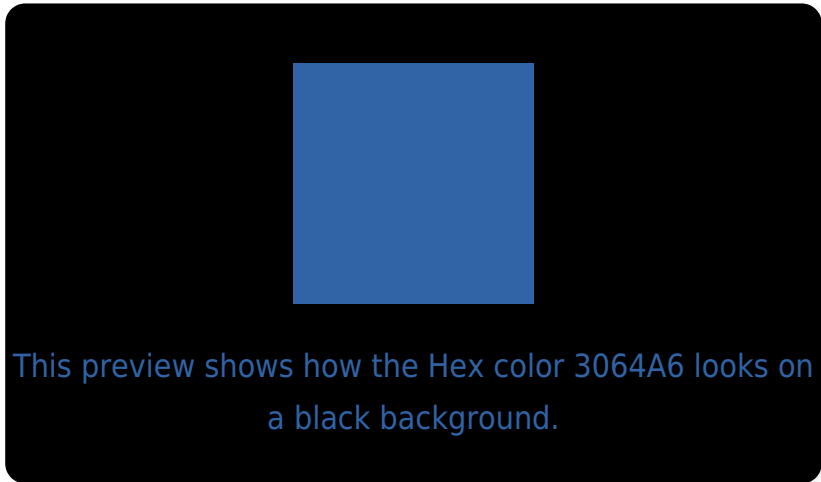
Large Text (above 18pt) WCAG AA ✓ Pass

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

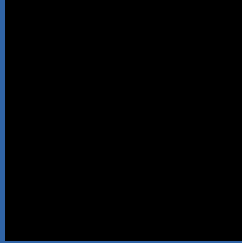
Any Text WCAG AA × Fail

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 3064A6 Background



This preview shows how black text looks on a background with the Hex color 3064A6.

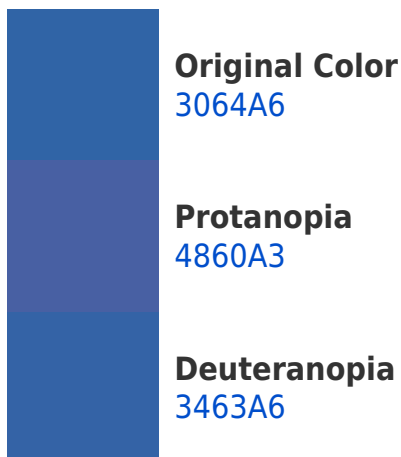


This preview shows how white text looks on a background with the Hex color 3064A6.

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](#).

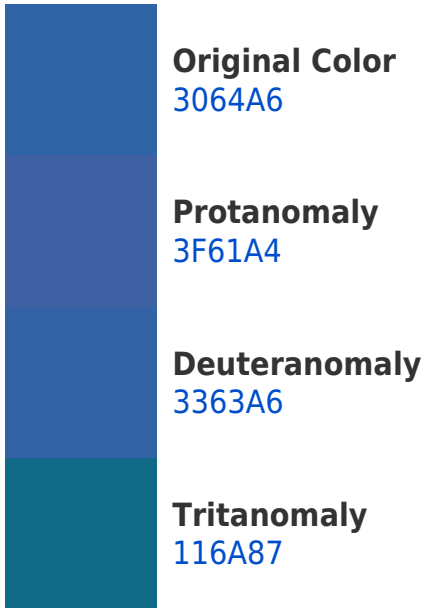
Dichromacy



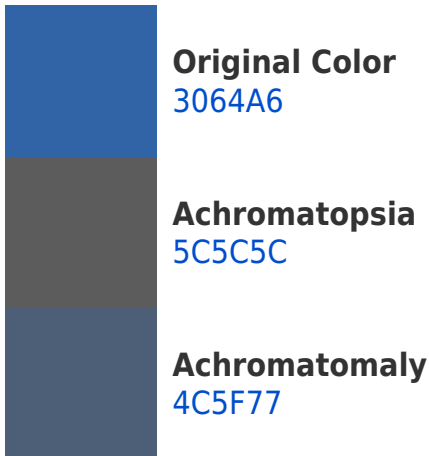


Tritanopia
006E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3064A6 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 #3064A6 looks like.

```
.text, #text, p{  
    color:#3064A6  
}
```

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 #3064A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3064A6
}
```

Border

The CSS property to change the border of an element to Hex 3064A6 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
#3064A6 }
```

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

```
.border{ border-color:#3064A6 }
```

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

Here you see how a box with a 4 pixel #3064A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3064A6; -webkit-box-shadow:4px 4px  
4px 4px #3064A6; box-shadow:4px 4px 4px  
4px #3064A6 }
```

Background

The CSS property to change the background color of an element to Hex 3064A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3064A6 }
```

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

```
.background{ background-color:#3064A6 }
```

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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