

Converting Colors

Hex(3C6D94)

Have a look what the booklet for
Hex(3C6D94) contains.

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Color

Hex(3C6D94)

Conversions

Conversions Part 1

Format	Color
Hex	3C6D94
RGB	60, 109, 148
RGB Percent	24%, 43%, 58%
CMY	0.7647, 0.5725, 0.4196
CMYK	0.59, 0.26, 0.00, 0.42
HSL	207°, 42%, 41%
HSV	207°, 59%, 58%
XYZ	12.6774, 14.0361, 30.0580
YIQ	98.7950, -41.7230, 1.7410

Conversions

Conversions Part 2

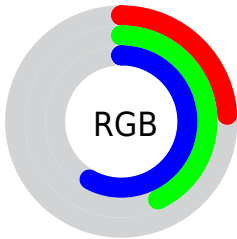
Format	Color
RYB	60, 91, 148
Decimal	3960212
CIELab	44.28, -4.38, -26.29
CIELCh	44, 26.649, 260.538
Yxy	14.0361, 0.2233, 0.2472
Android (android.graphics.Color)	4282150292 (0xFF3C6D94)
YUV	98.7950, 24.2581, -34.0232
Hunter-Lab	37.4647, -5.1620, -21.3432

Details

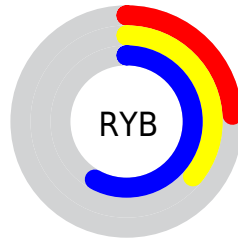
The Hex color **3C6D94** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **94633C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **73A0CA**, and **003E61** is the 20% darker color. If you saturate the color by 10%, you get **2D6694**, and if you desaturate by 10%, it is **4B7494**.

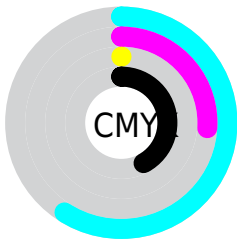
Distribution



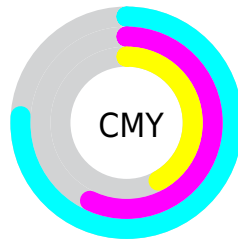
- Red (24%)
- Green (43%)
- Blue (58%)



- Red (24%)
- Yellow (36%)
- Blue (58%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6D94 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 3C6D94 by changing the saturation by 10% instead.

■ 3C6D94

■ 3C6D94

FFFFFF

■ 1E557A

■ 73A0CA

■ 003E61

■ 8EBBE6

■ 002849

■ AAD7FF

■ 001432

■ C6F3FF

■ 00021D

■ E3FFFF

■ 000000

■ 3C6D94

■ 3C6D94

■ 2D6694

■ 4B7494

■ 1E6094

■ 5A7A94

■ 105994

■ 688194

■ 015394

■ 778794

■ 005294

■ 868E94

■ 959494

■ A49B94

■ B2A194

■ C1A894

Harmonies

Analogous

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



13728A



3C6D94



616692

Triad

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



3C6D94



94585A



4E714C

Complementary

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



3C6D94



94633C

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.



686C3E



3C6D94



8D5D47

Square

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



3C6D94



8F5871



7E653D



317461

Rectangle

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



3C6D94



75608A



7E653D



577046

Sweetspot

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



3C6D94



9DB0BF



3C9462



4C5761



E0E0E0



616161

Same Dimension

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



3C6D94



3783BF



3C4294



43474A



004D8A



00060A

Inverse Universe

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



943C6D



BF3783



948E3C



4A4347



8A004D



0A0006

Previews

White Background



This preview shows how the Hex color 3C6D94 looks on a white background.

Color Contrast Check

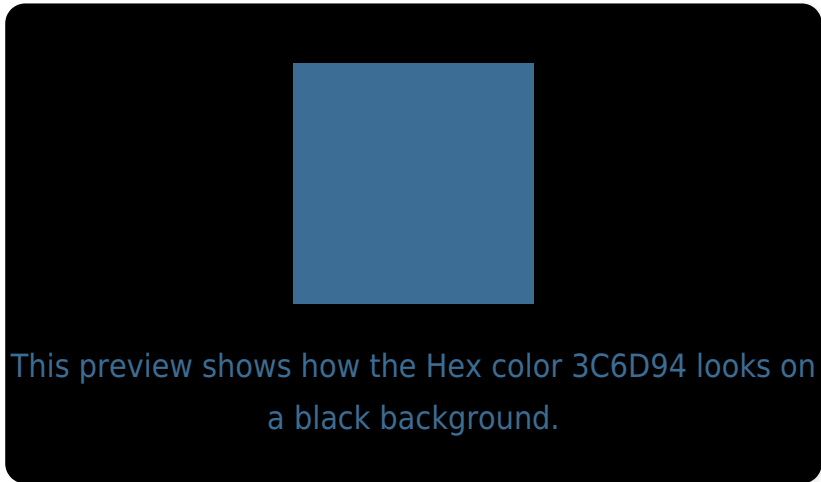
Large Text (above 18pt) WCAG AA ✓ Pass

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

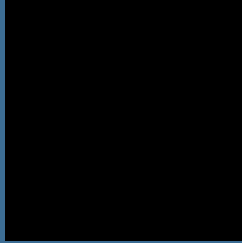
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

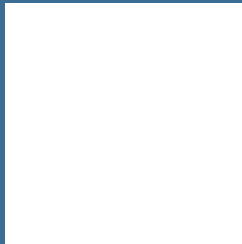
Any Text WCAG AAA × Fail

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

Hex 3C6D94 Background



This preview shows how black text looks on a background with the Hex color 3C6D94.



This preview shows how white text looks on a background with the Hex color 3C6D94.

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](#).

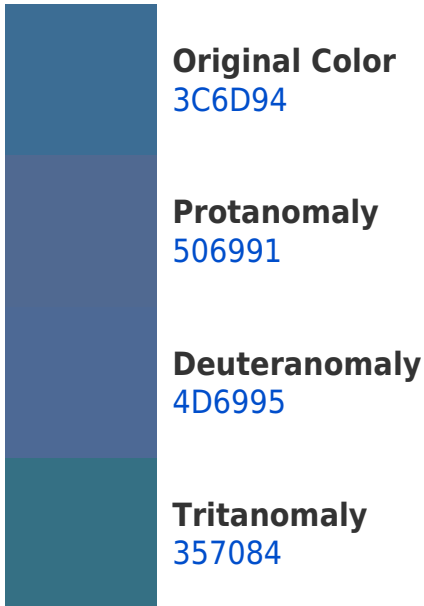
Dichromacy



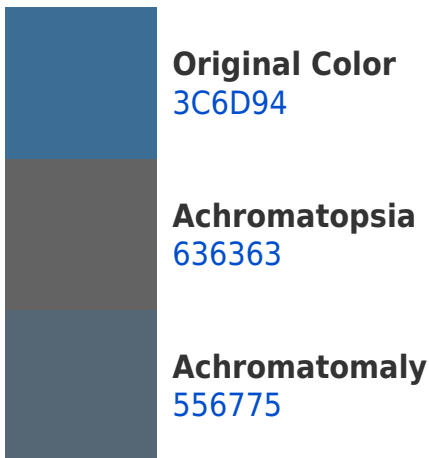


Tritanopia
31727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6D94 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 #3C6D94 looks like.

```
.text, #text, p{  
    color:#3C6D94  
}
```

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 #3C6D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6D94
}
```

Border

The CSS property to change the border of an element to Hex 3C6D94 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
#3C6D94 }
```

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

```
.border{ border-color:#3C6D94 }
```

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

Here you see how a box with a 4 pixel #3C6D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6D94; -webkit-box-shadow:4px 4px  
4px 4px #3C6D94; box-shadow:4px 4px 4px  
4px #3C6D94 }
```

Background

The CSS property to change the background color of an element to Hex 3C6D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6D94 }
```

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

```
.background{ background-color:#3C6D94 }
```

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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