

Converting Colors

Hex(3D6DB4)

Have a look what the booklet for
Hex(3D6DB4) contains.

Hex(3D6DB4)	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(3D6DB4)

Conversions

Conversions Part 1

Format	Color
Hex	3D6DB4
RGB	61, 109, 180
RGB Percent	24%, 43%, 71%
CMY	0.7608, 0.5725, 0.2941
CMYK	0.66, 0.39, 0.00, 0.29
HSL	216°, 49%, 47%
HSV	216°, 66%, 71%
XYZ	15.6313, 15.2247, 45.2948
YIQ	102.7420, -51.3990, 11.9050

Conversions

Conversions Part 2

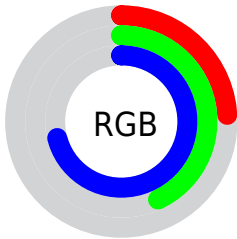
Format	Color
R_{YB}	61, 95, 180
Decimal	4025780
CIE _{Lab}	45.94, 6.96, -42.51
CIE _{LCh}	46, 43.071, 279.294
Yxy	15.2247, 0.2053, 0.1999
Android (android.graphics.Color)	4282215860 (0xFF3D6DB4)
YUV	102.7420, 38.0882, -36.6077
Hunter-Lab	39.0188, 3.2260, -41.5134

Details

The Hex color **3D6DB4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B4843D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **78A0EC**, and **003E7F** is the 20% darker color. If you saturate the color by 10%, you get **2B62B4**, and if you desaturate by 10%, it is **4F78B4**.

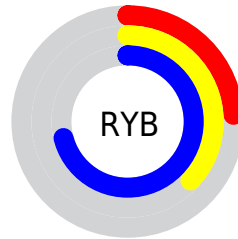
Distribution



Red (24%)

Green (43%)

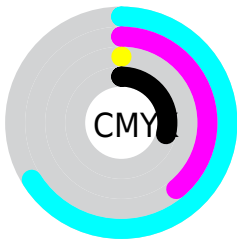
Blue (71%)



Red (24%)

Yellow (37%)

Blue (71%)

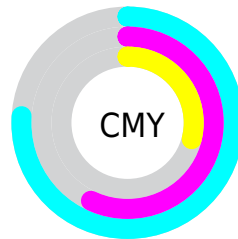


Cyan (66%)

Magenta (39%)

Yellow (0%)

Black (29%)



Cyan (76%)

Magenta (57%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6DB4 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 3D6DB4 by changing the saturation by 10% instead.

■ 3D6DB4

■ 3D6DB4

FFFFFF

■ 175599

■ 78A0EC

■ 003E7F

■ 95BBFF

■ 002965

■ B1D7FF

■ 00154D

■ CFF3FF

■ 000535

■ ECF3FF

■ 00021F

■ 000002

■ 000000

■ 3D6DB4

■ 3D6DB4

■ 2B62B4

■ 4F78B4

■ 1958B4

■ 6182B4

■ 074DB4

■ 738DB4

■ 0049B4

■ 8598B4

■ 97A3B4

■ A9ADB4

■ BBB8B4

■ CDC3B4

■ DFCEB4

Harmonies

Analogous

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



0077B0



3D6DB4



7E5FA5

Triad

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



3D6DB4



A95441



037D52

Complementary

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



3D6DB4



B4843D

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.



4F7832



3D6DB4



956228

Square

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



3D6DB4



AF4C63



766F20



007F77

Rectangle

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



3D6DB4



985592



766F20



2B7B46

Sweetspot

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



3D6DB4



BCCFEB



3DB482



596575



F5F5F5



757575

Same Dimension

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



3D6DB4



317CEB



473DB4



505459



003E99



000A1A

Inverse Universe

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



B43D6D



EB317C



AAB43D



595054



99003E



1A000A

Previews

White Background



This preview shows how the Hex color 3D6DB4 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



This preview shows how the Hex color 3D6DB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

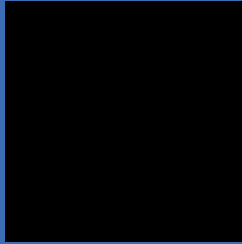
Any Text WCAG AA × Fail

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 3D6DB4 Background



This preview shows how black text looks on a background with the Hex color 3D6DB4.



This preview shows how white text looks on a background with the Hex color 3D6DB4.

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
3D6DB4

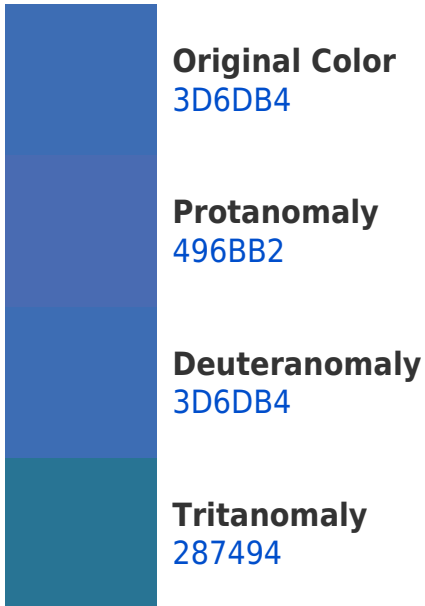
Protanopia
506AB1

Deuteranopia
3D6DB4



Tritanopia
1C7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6DB4 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 #3D6DB4 looks like.

```
.text, #text, p{  
    color:#3D6DB4  
}
```

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 #3D6DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6DB4
}
```

Border

The CSS property to change the border of an element to Hex 3D6DB4 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
#3D6DB4 }
```

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

```
.border{ border-color:#3D6DB4 }
```

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

Here you see how a box with a 4 pixel #3D6DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6DB4; -webkit-box-shadow:4px 4px  
4px 4px #3D6DB4; box-shadow:4px 4px 4px  
4px #3D6DB4 }
```

Background

The CSS property to change the background color of an element to Hex 3D6DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6DB4 }
```

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

```
.background{ background-color:#3D6DB4 }
```

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