

Converting Colors

Hex(3A73DE)

Have a look what the booklet for
Hex(3A73DE) contains.

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Color

Hex(3A73DE)

Conversions

Conversions Part 1

Format	Color
Hex	3A73DE
RGB	58, 115, 222
RGB Percent	23%, 45%, 87%
CMY	0.7725, 0.5490, 0.1294
CMYK	0.74, 0.48, 0.00, 0.13
HSL	219°, 71%, 55%
HSV	219°, 74%, 87%
XYZ	21.0605, 18.4349, 71.5555
YIQ	110.1550, -68.3190, 21.1930

Conversions

Conversions Part 2

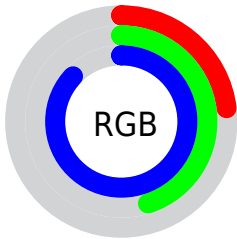
Format	Color
R_{YB}	58, 100, 222
Decimal	3830750
CIE Lab	50.02, 17.99, -60.06
CIE LCh	50, 62.695, 286.680
Yxy	18.4349, 0.1896, 0.1660
Android (android.graphics.Color)	4282020830 (0xFF3A73DE)
YUV	110.1550, 55.1396, -45.7399
Hunter-Lab	42.9359, 12.4181, -68.7555

Details

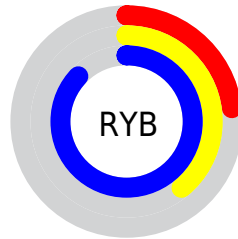
The Hex color **3A73DE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DEA53A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7EA6FF**, and **0044A6** is the 20% darker color. If you saturate the color by 10%, you get **2465DE**, and if you desaturate by 10%, it is **5081DE**.

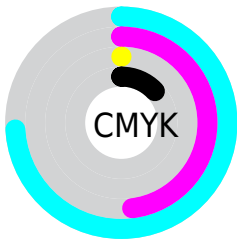
Distribution



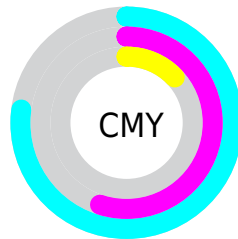
- Red (23%)
- Green (45%)
- Blue (87%)



- Red (23%)
- Yellow (39%)
- Blue (87%)



- Cyan (74%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (77%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A73DE 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 3A73DE by changing the saturation by 10% instead.

■ 3A73DE

■ 3A73DE

FFFFFF

■ 005BC2

■ 7EA6FF

■ 0044A6

■ 9CC1FF

■ 002F8B

■ BBDDFF

■ 001C71

■ D9FAFF

■ 000058

■ F8FFFF

■ 00073F

■ 000328

■ 000112

■ 000000

 3A73DE

 3A73DE

 2465DE

 5081DE

 0E56DE

 6690DE

 004DDE

 7D9EDE

 93ADDE

 A9BBDE

 BFCADE

 D5D8DE

 ECE7DE

 FFF5DE

Harmonies

Analogous

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



0084DF



3A73DE



9E5AC1

Triad

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



3A73DE



C5542A



008E5D

Complementary

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



3A73DE



DEA53A

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.



2F8826



3A73DE



A36C00

Square

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



3A73DE



D53F5C



737E00



008F94

Rectangle

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



3A73DE



BF49A2



737E00



008C4A

Sweetspot

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



3A73DE



C7DAFF



3ADEA5



5E6A80



000000



808080

Same Dimension

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



3A73DE



1C6BFF



533ADE



656970



003DB0



001130

Inverse Universe

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



DE3A73



FF1C6B



C5DE3A



706569



B0003D



300011

Previews

White Background



This preview shows how the Hex color 3A73DE looks on a white background.

Color Contrast Check

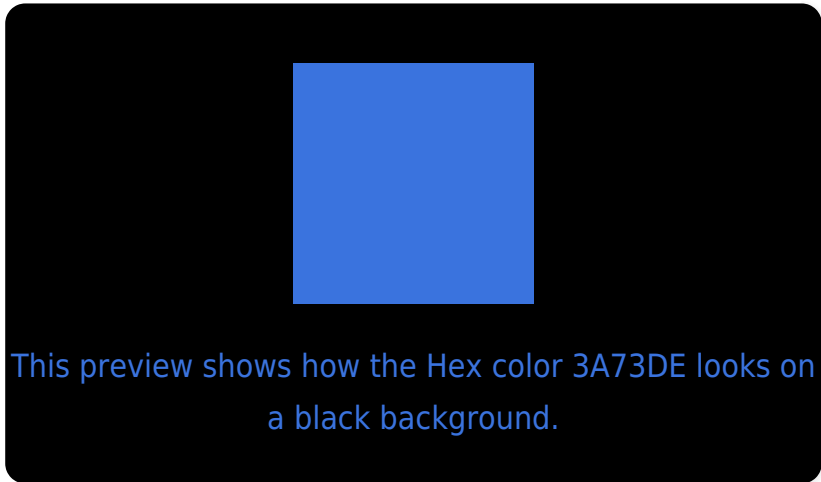
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

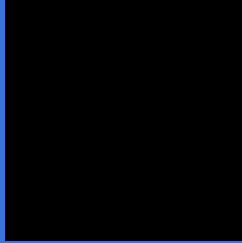
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

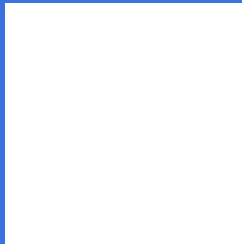
Any Text WCAG AAA × Fail

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

Hex 3A73DE Background



This preview shows how black text looks on a background with the Hex color 3A73DE.

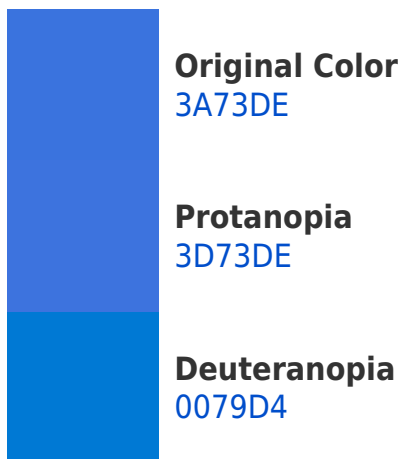


This preview shows how white text looks on a background with the Hex color 3A73DE.

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](#).

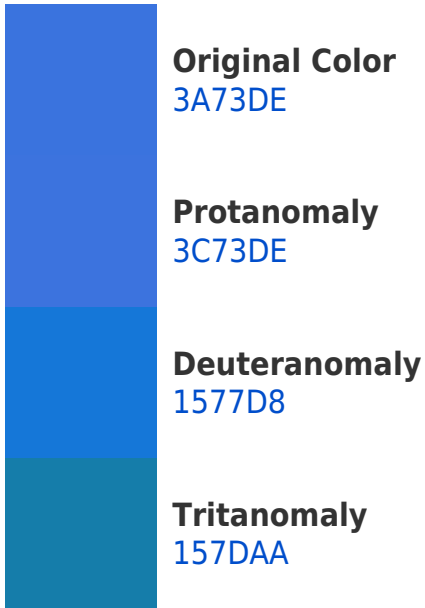
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A73DE 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 #3A73DE looks like.

```
.text, #text, p{  
  color:#3A73DE  
}
```

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 #3A73DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A73DE
}
```

Border

The CSS property to change the border of an element to Hex 3A73DE 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
#3A73DE }
```

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

```
.border{ border-color:#3A73DE }
```

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

Here you see how a box with a 4 pixel #3A73DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A73DE; -webkit-box-shadow:4px 4px  
4px 4px #3A73DE; box-shadow:4px 4px 4px  
4px #3A73DE }
```

Background

The CSS property to change the background color of an element to Hex 3A73DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A73DE }
```

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

```
.background{ background-color:#3A73DE }
```

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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