

Converting Colors

Hex(3C52AE)

Have a look what the booklet for
Hex(3C52AE) contains.

Hex(3C52AE)	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(3C52AE)

Conversions

Conversions Part 1

Format	Color
Hex	3C52AE
RGB	60, 82, 174
RGB Percent	24%, 32%, 68%
CMY	0.7647, 0.6784, 0.3176
CMYK	0.66, 0.53, 0.00, 0.32
HSL	228°, 49%, 46%
HSV	228°, 66%, 68%
XYZ	12.5208, 10.0512, 41.3246
YIQ	85.9100, -42.6440, 23.9480

Conversions

Conversions Part 2

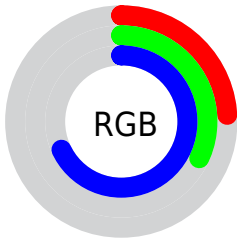
Format	Color
RYB	60, 78, 174
Decimal	3953326
CIELab	37.93, 21.93, -51.81
CIELCh	38, 56.265, 292.945
Yxy	10.0512, 0.1960, 0.1573
Android (android.graphics.Color)	4282143406 (0xFF3C52AE)
YUV	85.9100, 43.4284, -22.7231
Hunter-Lab	31.7037, 15.0136, -55.0897

Details

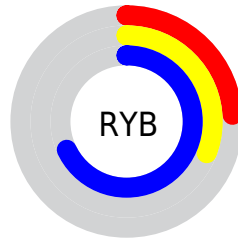
The Hex color **3C52AE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AE983C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7783E6**, and **002679** is the 20% darker color. If you saturate the color by 10%, you get **2B44AE**, and if you desaturate by 10%, it is **4D60AE**.

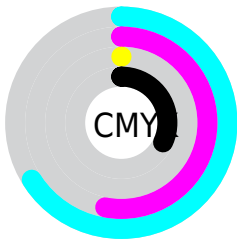
Distribution



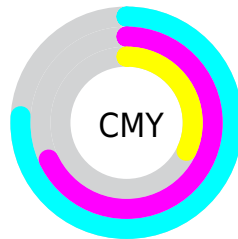
- Red (24%)
- Green (32%)
- Blue (68%)



- Red (24%)
- Yellow (31%)
- Blue (68%)



- Cyan (66%)
- Magenta (53%)
- Yellow (0%)
- Black (32%)



- Cyan (76%)
- Magenta (68%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C52AE 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 3C52AE by changing the saturation by 10% instead.

■ 3C52AE

■ 3C52AE

FFFFFF

■ 163B93

■ 7783E6

■ 002679

■ 949DFF

■ 00135F

■ B0B8FF

■ 000047

■ CED3FF

■ 00042F

■ EBF0FF

■ 00011A

■ 000000

■ 3C52AE

■ 3C52AE

■ 2B44AE

■ 4D60AE

■ 1936AE

■ 5F6EAE

■ 0828AE

■ 707CAE

■ 0022AE

■ 828AAE

■ 9398AE

■ A4A6AE

■ B6B4AE

■ C7C2AE

■ D9D0AE

Harmonies

Analogous

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



0062B4



3C52AE



853A91

Triad

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



3C52AE



963F0B



006D4D

Complementary

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



3C52AE



AE983C

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.



00691D



3C52AE



765400

Square

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



3C52AE



A72839



4B6100



006D7C

Rectangle

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



3C52AE



9C2A75



4B6100



006C3D

Sweetspot

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



3C52AE



B6BEE3



3CAE97



575D73



F2F2F2



737373

Same Dimension

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



3C52AE



3052E3



5E3CAE



4E5057



001D96



000417

Inverse Universe

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



AE3C52



E33052



8CAE3C



574E50



96001D



170004

Previews

White Background



This preview shows how the Hex color 3C52AE looks on a white background.

Color Contrast Check

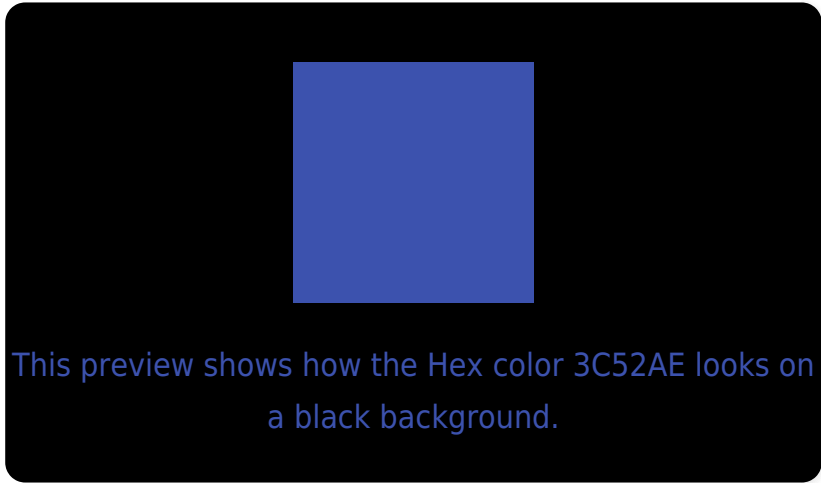
Large Text (above 18pt) WCAG AA ✓ Pass

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

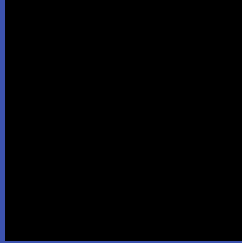
Any Text WCAG AA × Fail

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 3C52AE Background



This preview shows how black text looks on a background with the Hex color 3C52AE.

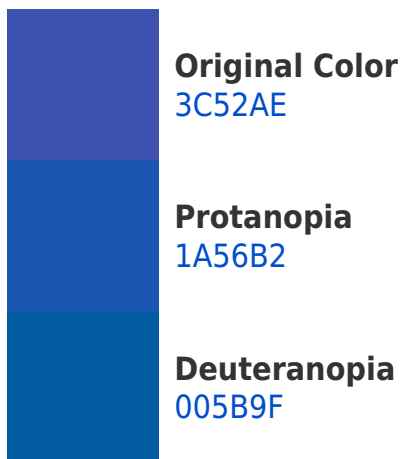


This preview shows how white text looks on a background with the Hex color 3C52AE.

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](#).

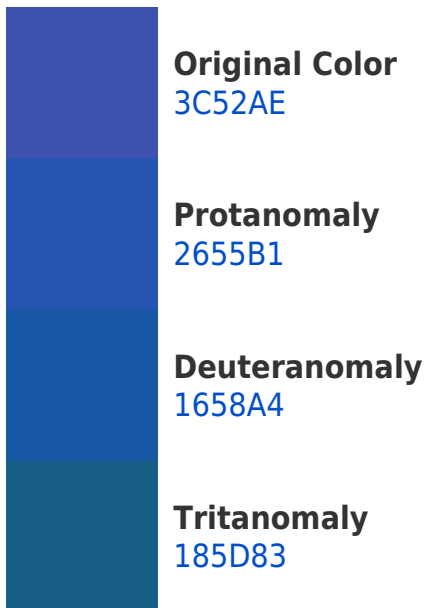
Dichromacy





Tritanopia
03636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C52AE 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 #3C52AE looks like.

```
.text, #text, p{  
    color:#3C52AE  
}
```

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 #3C52AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C52AE
}
```

Border

The CSS property to change the border of an element to Hex 3C52AE 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
#3C52AE }
```

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

```
.border{ border-color:#3C52AE }
```

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

Here you see how a box with a 4 pixel #3C52AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C52AE; -webkit-box-shadow:4px 4px  
4px 4px #3C52AE; box-shadow:4px 4px 4px  
4px #3C52AE }
```

Background

The CSS property to change the background color of an element to Hex 3C52AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C52AE }
```

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

```
.background{ background-color:#3C52AE }
```

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