

Converting Colors

Hex(356DA2)

Have a look what the booklet for
Hex(356DA2) contains.

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Color

Hex(356DA2)

Conversions

Conversions Part 1	
Format	Color
Hex	356DA2
RGB	53, 109, 162
RGB Percent	21%, 43%, 64%
CMY	0.7922, 0.5725, 0.3647
CMYK	0.67, 0.33, 0.00, 0.36
HSL	209°, 51%, 42%
HSV	209°, 67%, 64%
XYZ	13.4584, 14.3028, 36.2338
YIQ	98.2980, -50.3890, 4.6110

Conversions

Conversions Part 2

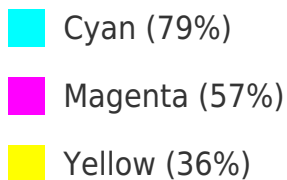
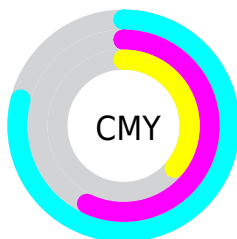
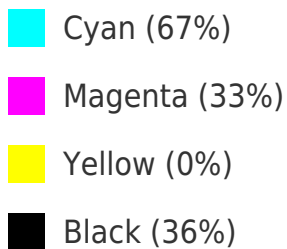
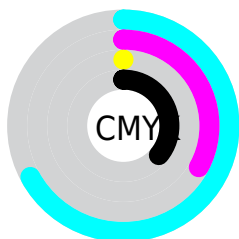
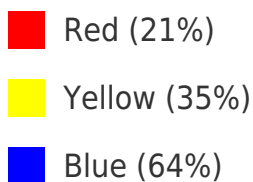
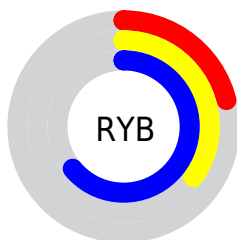
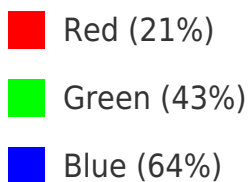
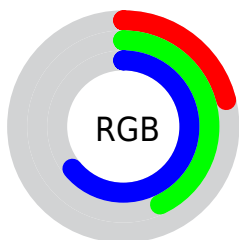
Format	Color
RYB	53, 90, 162
Decimal	3501474
CIELab	44.66, -0.87, -34.00
CIELCh	45, 34.013, 268.527
Yxy	14.3028, 0.2103, 0.2235
Android (android.graphics.Color)	4281691554 (0xFF356DA2)
YUV	98.2980, 31.4051, -39.7263
Hunter-Lab	37.8190, -2.6616, -30.3314

Details

The Hex color **356DA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A26A35**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6FA0D9**, and **003E6E** is the 20% darker color. If you saturate the color by 10%, you get **2565A2**, and if you desaturate by 10%, it is **4575A2**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 356DA2 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 356DA2 by changing the saturation by 10% instead.

 356DA2

FFFFFF

 6FA0D9

 8BBBF6

 A8D7FF

 C4F3FF

 E2FFFF

 356DA2

 0D5588

 003E6E

 002855

 00143E

 000327

 000111

 000000

 356DA2

 2565A2

 356DA2

 4575A2

 155DA2

 557DA2

 0455A2

 6685A2

 0053A2

 768DA2

 8694A2

 969CA2

 A6A4A2

 B7ACA2

 C7B4A2

Harmonies

Analogous

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



007499



356DA2



6A639B

Triad

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



356DA2



9E5550



3C754B

Complementary

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



356DA2



A26A35

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.



5F7036



356DA2



925D3A

Square

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



356DA2



9D526C



7C6830



007867

Rectangle

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



356DA2



825B8F



7C6830



497443

Sweetspot

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



356DA2



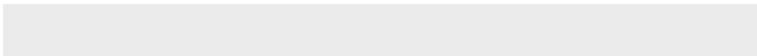
A9BFD4



35A26A



515F6B



EBEBEB



6B6B6B

Same Dimension

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



356DA2



2880D4



3537A2



494E52



004B91



000912

Inverse Universe

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



A2356D



D42880



A2A035



52494E



91004B



120009

Previews

White Background



This preview shows how the Hex color 356DA2 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 356DA2 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 356DA2 Background



This preview shows how black text looks on a background with the Hex color 356DA2.

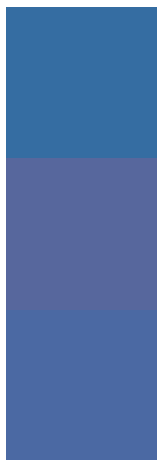


This preview shows how white text looks on a background with the Hex color 356DA2.

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
356DA2





Protanopia
57679D

Deuteranopia
4B69A3




Tritanopia
1D747E

Trichromacy

	Original Color 356DA2
	Protanomaly 4B699F
	Deuteranomaly 436AA3
	Tritanomaly 26718B

Monochromacy

	Original Color 356DA2
	Achromatopsia 626262
	Achromatomaly 526679

CSS Examples

Text

The CSS property to change the color of the text to Hex 356DA2 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 #356DA2 looks like.

```
.text, #text, p{  
    color:#356DA2  
}
```

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 #356DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356DA2
}
```

Border

The CSS property to change the border of an element to Hex 356DA2 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
#356DA2 }
```

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

```
.border{ border-color:#356DA2 }
```

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

Here you see how a box with a 4 pixel #356DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356DA2; -webkit-box-shadow:4px 4px  
4px 4px #356DA2; box-shadow:4px 4px 4px  
4px #356DA2 }
```

Background

The CSS property to change the background color of an element to Hex 356DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356DA2 }
```

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

```
.background{ background-color:#356DA2 }
```

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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