

Converting Colors

Hex(363AA6)

Have a look what the booklet for
Hex(363AA6) contains.

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Color

Hex(363AA6)

Conversions

Conversions Part 1

Format	Color
Hex	363AA6
RGB	54, 58, 166
RGB Percent	21%, 23%, 65%
CMY	0.7882, 0.7725, 0.3490
CMYK	0.67, 0.65, 0.00, 0.35
HSL	238°, 51%, 43%
HSV	238°, 67%, 65%
XYZ	9.9173, 6.5636, 36.8206
YIQ	69.1160, -37.0520, 32.7400

Conversions

Conversions Part 2

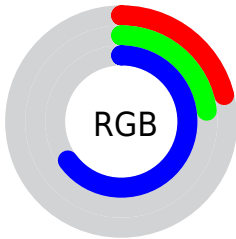
Format	Color
R_{YB}	54, 58, 166
Decimal	3553958
CIE _{Lab}	30.79, 33.70, -58.66
CIE _{LCh}	31, 67.655, 299.876
Yxy	6.5636, 0.1861, 0.1231
Android (android.graphics.Color)	4281744038 (0xFF363AA6)
YUV	69.1160, 47.7638, -13.2567
Hunter-Lab	25.6194, 24.2635, -67.2787

Details

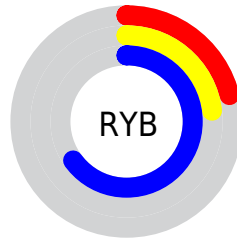
The Hex color **363AA6** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A6A236**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **726ADE**, and **001071** is the 20% darker color. If you saturate the color by 10%, you get **252AA6**, and if you desaturate by 10%, it is **474AA6**.

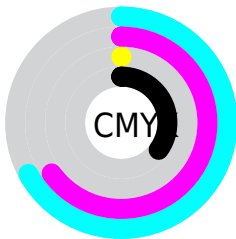
Distribution



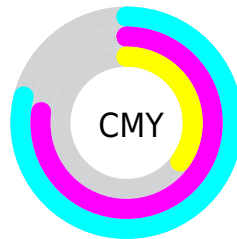
- Red (21%)
- Green (23%)
- Blue (65%)



- Red (21%)
- Yellow (23%)
- Blue (65%)



- Cyan (67%)
- Magenta (65%)
- Yellow (0%)
- Black (35%)



- Cyan (79%)
- Magenta (77%)
- Yellow (35%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 363AA6 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 363AA6 by changing the saturation by 10% instead.

■ 363AA6

■ 363AA6

FFFFFF

■ 09248B

■ 726ADE

■ 001071

■ 8F83FB

■ 000058

■ AC9DFF

■ 00063F

■ C9B8FF

■ 000328

■ E7D4FF

■ 000112

■ FFF0FF

■ 000000

■ 363AA6

■ 363AA6

■ 252AA6

■ 474AA6

■ 151AA6

■ 575AA6

■ 040AA6

■ 686AA6

■ 0006A6

■ 787AA6

■ 898AA6

■ 9A9AA6

■ AAAAA6

■ BBBA6

■ CBCAA6

Harmonies

Analogous

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



0050B5



363AA6



84067F

Triad

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



363AA6



822D00



005D47

Complementary

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



363AA6



A6A236

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.



005A08



363AA6



5A4700

Square

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



363AA6



9B0018



225400



005D7C

Rectangle

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



363AA6



9A005D



225400



005C34

Sweetspot

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



363AA6



ADAFD9



36A6A0



53546E



EDEDED



6E6E6E

Same Dimension

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



363AA6



292FD9



6836A6



4C4C54



000594



000114

Inverse Universe

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



A6363A



D9292F



74A636



544C4C



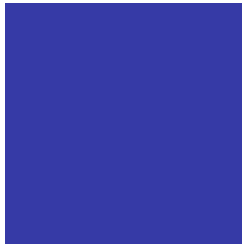
940005



140001

Previews

White Background



This preview shows how the Hex color 363AA6 looks on a white background.

Color Contrast Check

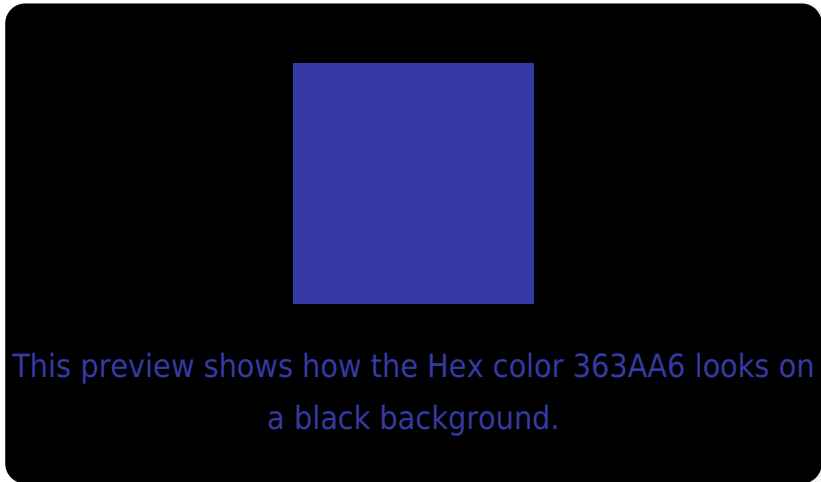
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

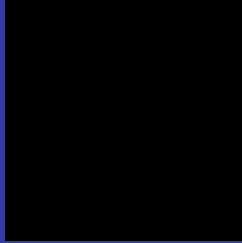
Any Text WCAG AA × Fail

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 363AA6 Background



This preview shows how black text looks on a background with the Hex color 363AA6.



This preview shows how white text looks on a background with the Hex color 363AA6.

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

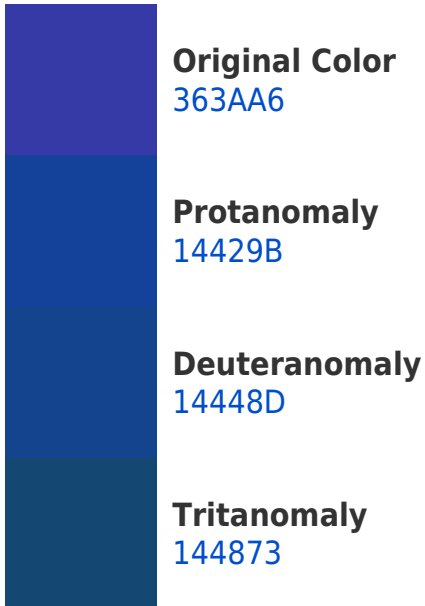


Original Color
363AA6

Protanopia
004694

Deuteranopia
004A7F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 363AA6 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 #363AA6 looks like.

```
.text, #text, p{  
    color:#363AA6  
}
```

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 #363AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363AA6
}
```

Border

The CSS property to change the border of an element to Hex 363AA6 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
#363AA6 }
```

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

```
.border{ border-color:#363AA6 }
```

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

Here you see how a box with a 4 pixel #363AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363AA6; -webkit-box-shadow:4px 4px  
4px 4px #363AA6; box-shadow:4px 4px 4px  
4px #363AA6 }
```

Background

The CSS property to change the background color of an element to Hex 363AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363AA6 }
```

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

```
.background{ background-color:#363AA6 }
```

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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