

Converting Colors

Hex(363A02)

Have a look what the booklet for
Hex(363A02) contains.

Hex(363A02)	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(363A02)

Conversions

Conversions Part 1

Format	Color
Hex	363A02
RGB	54, 58, 2
RGB Percent	21%, 23%, 1%
CMY	0.7882, 0.7725, 0.9922
CMYK	0.07, 0.00, 0.97, 0.77
HSL	64°, 93%, 12%
HSV	64°, 97%, 23%
XYZ	3.0453, 3.8148, 0.6332
YIQ	50.4200, 15.5920, -18.2640

Conversions

Conversions Part 2

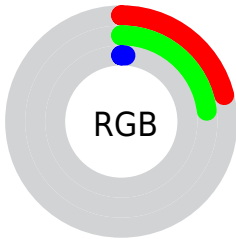
Format	Color
R_{YB}	2, 58, 6
Decimal	3553794
CIE Lab	23.05, -9.51, 30.68
CIE LCh	23, 32.122, 107.220
Yxy	3.8148, 0.4064, 0.5091
Android (android.graphics.Color)	4281743874 (0xFF363A02)
YUV	50.4200, -23.8711, 3.1397
Hunter-Lab	19.5314, -6.3483, 11.7497

Details

The Hex color **363A02** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **06023A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **676931**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **363A00**, and if you desaturate by 10%, it is **363A08**.

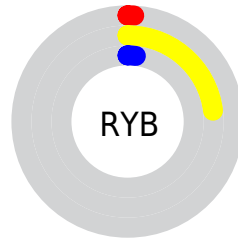
Distribution



Red (21%)

Green (23%)

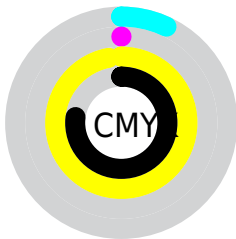
Blue (1%)



Red (1%)

Yellow (23%)

Blue (2%)

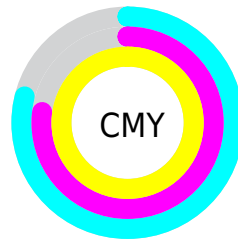


Cyan (7%)

Magenta (0%)

Yellow (97%)

Black (77%)



Cyan (79%)

Magenta (77%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 363A02 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 363A02 by changing the saturation by 10% instead.

 363A02

 363A02

 FFFFE8

 1F2400

 676931

 001100

 818249

 000000

 9B9C61

 B7B77B

 D3D295

 EFEFB0

 FFFFCB

 363A02

 363A02

■ 363A00

■ 363A08

■ 373A0E

■ 373A13

■ 383A19

■ 383A1F

■ 383A25

■ 393A2B

■ 393A30

■ 3A3A36

Harmonies

Analogous

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



4C3202



363A02



193F14

Triad

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



363A02



00415A



5D2142

Complementary

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



363A02



06023A

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.



492A58



363A02



003D66

Square

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



363A02



004244



223565



62202A

Rectangle

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



363A02



004123



223565



58244A

Sweetspot

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



363A02



4B4D36



3A0602



252619



A6A6A6



262626

Same Dimension

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



363A02



474D00



1A3A02



1C1C19



555C00



CCDB00

Inverse Universe

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



06023A



05004D



22023A



19191C



07005C



1000DB

Previews

White Background



This preview shows how the Hex color 363A02 looks on a white background.

Color Contrast Check

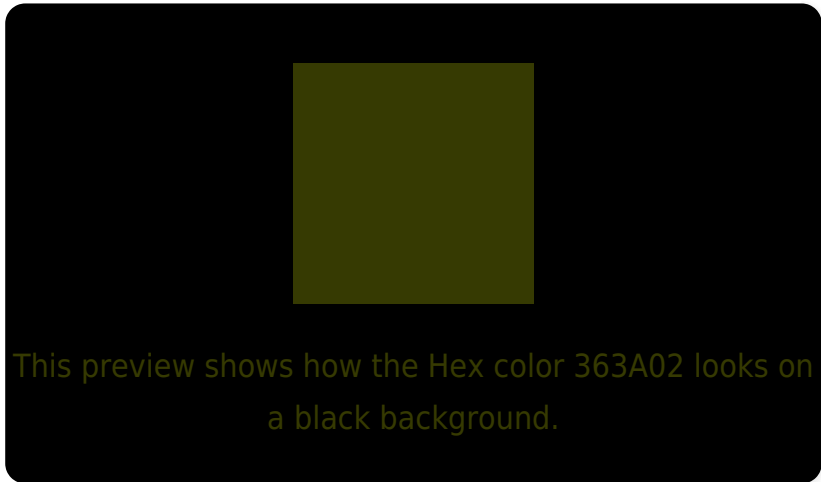
Large Text (above 18pt) WCAG AA ✓ Pass

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

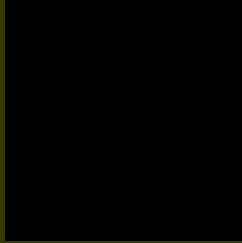
Any Text WCAG AA × Fail

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 363A02 Background



This preview shows how black text looks on a background with the Hex color 363A02.



This preview shows how white text looks on a background with the Hex color 363A02.

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
363A02

Protanopia
3E3700

Deuteranopia
46340A



Tritanopia
3A363A

Trichromacy



Original Color
363A02

Protanomaly
3B3801

Deuteranomaly
403607

Tritanomaly
393726

Monochromacy



Original Color
363A02

Achromatopsia
323232

Achromatomaly
333521

CSS Examples

Text

The CSS property to change the color of the text to Hex 363A02 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 #363A02 looks like.

```
.text, #text, p{  
    color:#363A02  
}
```

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 #363A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363A02
}
```

Border

The CSS property to change the border of an element to Hex 363A02 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
#363A02 }
```

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

```
.border{ border-color:#363A02 }
```

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

Here you see how a box with a 4 pixel #363A02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363A02; -webkit-box-shadow:4px 4px  
4px 4px #363A02; box-shadow:4px 4px 4px  
4px #363A02 }
```

Background

The CSS property to change the background color of an element to Hex 363A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363A02 }
```

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

```
.background{ background-color:#363A02 }
```

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