

Converting Colors

Hex(368500)

Have a look what the booklet for
Hex(368500) contains.

Hex(368500)	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(368500)

Conversions

Conversions Part 1

Format	Color
Hex	368500
RGB	54, 133, 0
RGB Percent	21%, 52%, 0%
CMY	0.7882, 0.4784, 1.0000
CMYK	0.59, 0.00, 1.00, 0.48
HSL	96°, 100%, 26%
HSV	96°, 100%, 52%
XYZ	9.9088, 17.5593, 2.8670
YIQ	94.2170, -4.3910, -58.1110

Conversions

Conversions Part 2

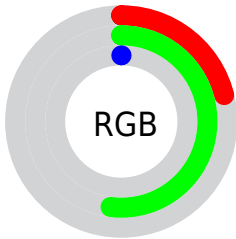
Format	Color
RYB	0, 133, 79
Decimal	3572992
CIELab	48.96, -44.66, 52.49
CIELCh	49, 68.925, 130.393
Yxy	17.5593, 0.3266, 0.5788
Android (android.graphics.Color)	4281763072 (0xFF368500)
YUV	94.2170, -46.4490, -35.2703
Hunter-Lab	41.9039, -31.1225, 25.2761

Details

The Hex color **368500** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4F0085**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6FBB41**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **368500**, and if you desaturate by 10%, it is **3E850D**.

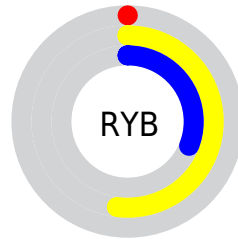
Distribution



Red (21%)

Green (52%)

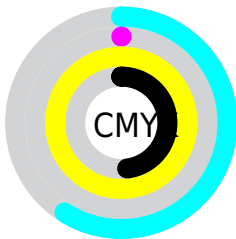
Blue (0%)



Red (0%)

Yellow (52%)

Blue (31%)

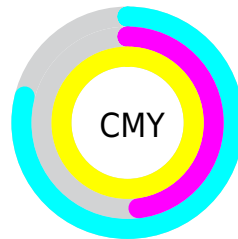


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (79%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368500 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 368500 by changing the saturation by 10% instead.

 368500

 368500

FFFFFF

 136B00

 6FBB41

 005200

 8BD75C

 003A00

 A7F476

 002500

 C4FF92

 000000

 E1FFAD

 FFFFC9

 FFFFE6

 368500

 3E850D

 46851B

 4E8528

 568535

 5E8543

 658550

 6D855D

 75856A

 7D8578

Harmonies

Analogous

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



7A7800



368500



008B4A

Triad

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



368500



0085E3



DA2C63

Complementary

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



368500



4F0085

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.



C7399D



368500



0075E8

Square

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



368500



008DBF



8E5ACE



CE452B

Rectangle

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



368500



008D73



8E5ACE



D72B76

Sweetspot

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



368500



8FAD79



854E00



445737



D6D6D6



575757

Same Dimension

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



368500



46AD00



00850B



3E423C



358200



010300

Inverse Universe

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



4F0085



6700AD



85007A



403C42



4D0082



020003

Previews

White Background



This preview shows how the Hex color 368500 looks on a white background.

Color Contrast Check

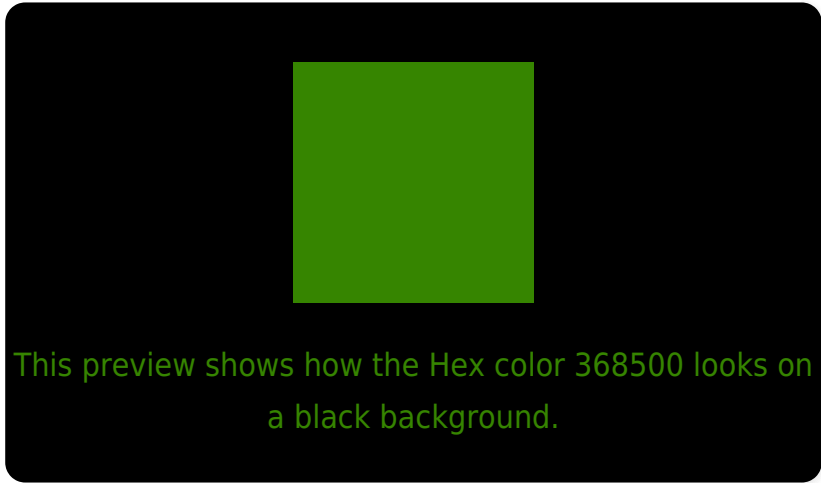
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 368500 Background



This preview shows how black text looks on a background with the Hex color 368500.



This preview shows how white text looks on a background with the Hex color 368500.

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
368500

Protanopia
837400

Deuteranopia
926E1C



Tritanopia
4B7C86

Trichromacy



Original Color
368500

Protanomaly
677A00

Deuteranomaly
717612

Tritanomaly
437F55

Monochromacy



Original Color
368500

Achromatopsia
5E5E5E

Achromatomaly
4F6C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 368500 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 #368500 looks like.

```
.text, #text, p{  
    color:#368500  
}
```

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 #368500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368500
}
```

Border

The CSS property to change the border of an element to Hex 368500 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
#368500 }
```

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

```
.border{ border-color:#368500 }
```

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

Here you see how a box with a 4 pixel #368500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368500; -webkit-box-shadow:4px 4px  
4px 4px #368500; box-shadow:4px 4px 4px  
4px #368500 }
```

Background

The CSS property to change the background color of an element to Hex 368500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368500 }
```

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

```
.background{ background-color:#368500 }
```

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