

Converting Colors

Hex(378200)

Have a look what the booklet for
Hex(378200) contains.

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Color

Hex(378200)

Conversions

Conversions Part 1

Format	Color
Hex	378200
RGB	55, 130, 0
RGB Percent	22%, 51%, 0%
CMY	0.7843, 0.4902, 1.0000
CMYK	0.58, 0.00, 1.00, 0.49
HSL	95°, 100%, 25%
HSV	95°, 100%, 51%
XYZ	9.5582, 16.7775, 2.7346
YIQ	92.7550, -2.9700, -56.3300

Conversions

Conversions Part 2

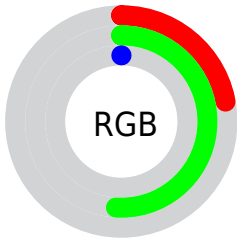
Format	Color
RYB	0, 130, 75
Decimal	3637760
CIELab	47.98, -43.26, 51.74
CIELCh	48, 67.437, 129.897
Yxy	16.7775, 0.3288, 0.5771
Android (android.graphics.Color)	4281827840 (0xFF378200)
YUV	92.7550, -45.7282, -33.1111
Hunter-Lab	40.9603, -30.0272, 24.7139

Details

The Hex color **378200** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4B0082**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6FB841**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **378200**, and if you desaturate by 10%, it is **3E820D**.

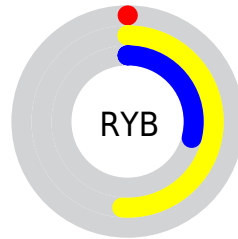
Distribution



Red (22%)

Green (51%)

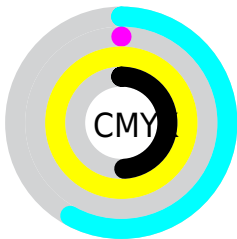
Blue (0%)



Red (0%)

Yellow (51%)

Blue (29%)

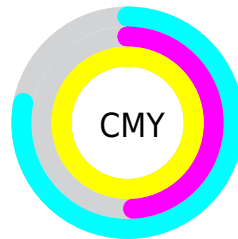


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (78%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 378200 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 378200 by changing the saturation by 10% instead.

 378200

 378200

FFFFFF

 166800

 6FB841

 004F00

 8BD45B

 003800

 A7F076

 002300

 C4FF91

 000000

 E1FFAC

 FFFFC8

 FFFF E5

 378200

 3E820D

 46821A

 4D8227

 558234

 5C8241

 64824E

 6B825B

 738268

 7A8275

Harmonies

Analogous

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



797500



378200



008848

Triad

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



378200



0083DD



D52C62

Complementary

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



378200



4B0082

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.



C2399A



378200



0073E3

Square

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



378200



008ABA



8A59CA



C9442B

Rectangle

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



378200



008A70



8A59CA



D22B75

Sweetspot

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



378200



8BA876



824A00



435436



D4D4D4



545454

Same Dimension

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



378200



47A800



008209



3C4039



368000



000000

Inverse Universe

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



4B0082



6100A8



820079



3D3940



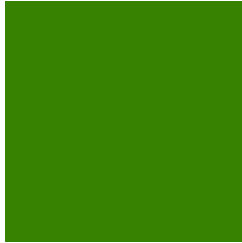
4A0080



000000

Previews

White Background



This preview shows how the Hex color 378200 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 378200 Background



This preview shows how black text looks on a background with the Hex color 378200.



This preview shows how white text looks on a background with the Hex color 378200.

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
378200

Protanopia
807200

Deuteranopia
8F6C1B



Tritanopia
4B7983

Trichromacy



Original Color
378200

Protanomaly
657800

Deuteranomaly
6F7411

Tritanomaly
447C53

Monochromacy



Original Color
378200

Achromatopsia
5D5D5D

Achromatomaly
4F6A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 378200 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 #378200 looks like.

```
.text, #text, p{  
    color:#378200  
}
```

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 #378200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378200
}
```

Border

The CSS property to change the border of an element to Hex 378200 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
#378200 }
```

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

```
.border{ border-color:#378200 }
```

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

Here you see how a box with a 4 pixel #378200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378200; -webkit-box-shadow:4px 4px  
4px 4px #378200; box-shadow:4px 4px 4px  
4px #378200 }
```

Background

The CSS property to change the background color of an element to Hex 378200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378200 }
```

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

```
.background{ background-color:#378200 }
```

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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