

Converting Colors

Hex(537200)

Have a look what the booklet for
Hex(537200) contains.

Hex(537200)	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(537200)

Conversions

Conversions Part 1

Format	Color
Hex	537200
RGB	83, 114, 0
RGB Percent	33%, 45%, 0%
CMY	0.6745, 0.5529, 1.0000
CMYK	0.27, 0.00, 1.00, 0.55
HSL	76°, 100%, 22%
HSV	76°, 100%, 45%
XYZ	9.5846, 13.8736, 2.1727
YIQ	91.7350, 18.1180, -42.0260

Conversions

Conversions Part 2

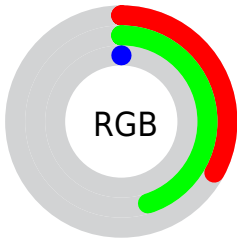
Format	Color
RYB	0, 114, 31
Decimal	5468672
CIELab	44.05, -26.11, 49.29
CIELCh	44, 55.779, 117.915
Yxy	13.8736, 0.3739, 0.5413
Android (android.graphics.Color)	4283658752 (0xFF537200)
YUV	91.7350, -45.2254, -7.6606
Hunter-Lab	37.2473, -19.2506, 22.6146

Details

The Hex color **537200** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1F0072**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **88A63D**, and **204200** is the 20% darker color. If you saturate the color by 10%, you get **537200**, and if you desaturate by 10%, it is **56720B**.

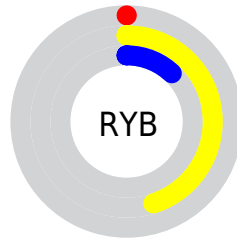
Distribution



Red (33%)

Green (45%)

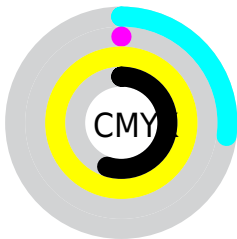
Blue (0%)



Red (0%)

Yellow (45%)

Blue (12%)

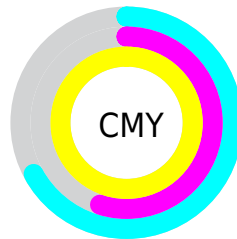


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537200 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 537200 by changing the saturation by 10% instead.

 537200

 537200

FFFFFFD

 395900

 88A63D

 204200

 A4C157

 022B00

 C0DD71

 001700

 DCFA8C

 000000

 FAFFA7

 FFFFC3

 FFFFEO

 537200

 56720B

 597217

 5C7222

 5F722E

 627239

 667244

 697250

 6C725B

 6F7267

Harmonies

Analogous

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



806500



537200



007934

Triad

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



537200



0079B6



B7366D

Complementary

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



537200



1F0072

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.



9C479A



537200



006FC5

Square

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



537200



007D92



5F5DBB



B73D40

Rectangle

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



537200



007C53



5F5DBB



B13A7D

Sweetspot

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



537200



889468



721E00



434A2F



C9C9C9



4A4A4A

Same Dimension

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



537200



6C9400



1B7200



373832



577800



B4F700

Inverse Universe

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



1F0072



280094



570072



343238



210078



4300F7

Previews

White Background



This preview shows how the Hex color 537200 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 537200 Background



This preview shows how black text looks on a background with the Hex color 537200.



This preview shows how white text looks on a background with the Hex color 537200.

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
537200

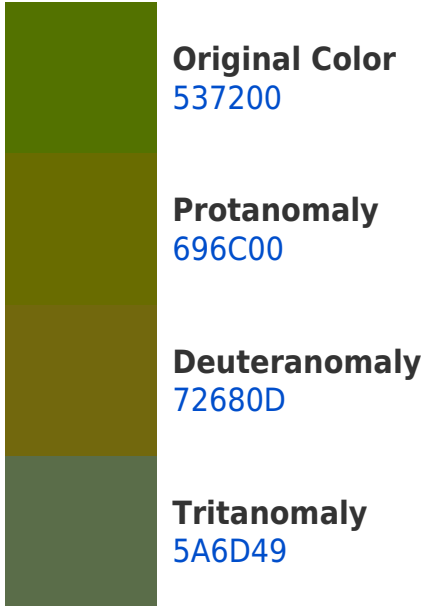
Protanopia
756800

Deuteranopia
836315



Tritanopia
5E6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 537200 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 #537200 looks like.

```
.text, #text, p{  
    color:#537200  
}
```

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 #537200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537200
}
```

Border

The CSS property to change the border of an element to Hex 537200 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".

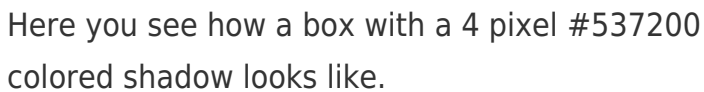
```
.border, #border, table{ border:4px solid
#537200 }
```

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

```
.border{ border-color:#537200 }
```

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

Here you see how a box with a 4 pixel #537200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537200; -webkit-box-shadow:4px 4px  
4px 4px #537200; box-shadow:4px 4px 4px  
4px #537200 }
```

Background

The CSS property to change the background color of an element to Hex 537200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537200 }
```

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

```
.background{ background-color:#537200 }
```

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