

Converting Colors

Hex(537100)

Have a look what the booklet for
Hex(537100) contains.

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Color

Hex(537100)

Conversions

Conversions Part 1

Format	Color
Hex	537100
RGB	83, 113, 0
RGB Percent	33%, 44%, 0%
CMY	0.6745, 0.5569, 1.0000
CMYK	0.27, 0.00, 1.00, 0.56
HSL	76°, 100%, 22%
HSV	76°, 100%, 44%
XYZ	9.4724, 13.6493, 2.1353
YIQ	91.1480, 18.3930, -41.5030

Conversions

Conversions Part 2

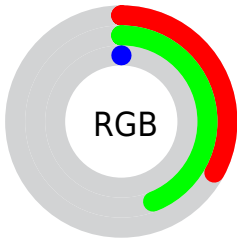
Format	Color
RYB	0, 113, 30
Decimal	5468416
CIELab	43.73, -25.62, 49.04
CIELCh	44, 55.331, 117.585
Yxy	13.6493, 0.3750, 0.5404
Android (android.graphics.Color)	4283658496 (0xFF537100)
YUV	91.1480, -44.9360, -7.1458
Hunter-Lab	36.9449, -18.8875, 22.4346

Details

The Hex color **537100** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1E0071**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **88A53D**, and **204100** is the 20% darker color. If you saturate the color by 10%, you get **537100**, and if you desaturate by 10%, it is **56710B**.

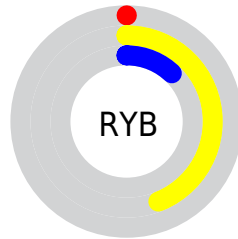
Distribution



Red (33%)

Green (44%)

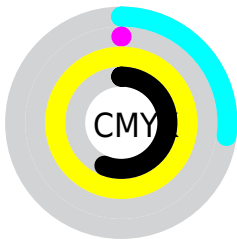
Blue (0%)



Red (0%)

Yellow (44%)

Blue (12%)

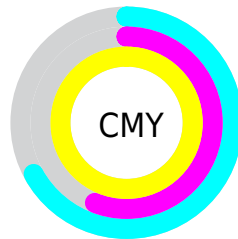


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537100 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 537100 by changing the saturation by 10% instead.

 537100

 537100

 FFFFFC

 395800

 88A53D

 204100

 A4C057

 022A00

 C0DC71

 001500

 DCF98C

 000000

 FAFFA7

 FFFFC3

 FFFFDF

 537100

 56710B

 597117

 5C7122

 5F712D

 627139

 657144

 68714F

 6B715A

 6E7166

Harmonies

Analogous

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



806400



537100



007833

Triad

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



537100



0078B5



B5366D

Complementary

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



537100



1E0071

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.



9A4699



537100



006EC4

Square

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



537100



007C91



5D5DB9



B63D40

Rectangle

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



537100



007B52



5D5DB9



B03A7C

Sweetspot

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



537100



889468



711C00



434A2F



C9C9C9



4A4A4A

Same Dimension

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



537100



6D9400



1C7100



373832



587800



B6F700

Inverse Universe

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



1E0071



270094



550071



343238



200078



4200F7

Previews

White Background



This preview shows how the Hex color 537100 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 537100 Background



This preview shows how black text looks on a background with the Hex color 537100.



This preview shows how white text looks on a background with the Hex color 537100.

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](#).

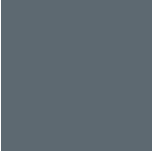
Dichromacy



Original Color
537100

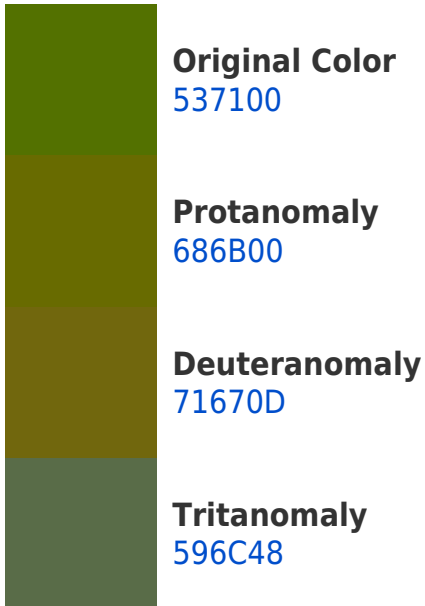
Protanopia
746700

Deuteranopia
826215



Tritanopia
5D6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 537100 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 #537100 looks like.

```
.text, #text, p{  
    color:#537100  
}
```

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 #537100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537100
}
```

Border

The CSS property to change the border of an element to Hex 537100 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
#537100 }
```

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

```
.border{ border-color:#537100 }
```

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

Here you see how a box with a 4 pixel #537100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537100; -webkit-box-shadow:4px 4px  
4px 4px #537100; box-shadow:4px 4px 4px  
4px #537100 }
```

Background

The CSS property to change the background color of an element to Hex 537100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537100 }
```

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

```
.background{ background-color:#537100 }
```

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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