

# Converting Colors

Hex(517100)

Have a look what the booklet for  
Hex(517100) contains.

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**Color**

**Hex(517100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	517100
RGB	81, 113, 0
RGB Percent	32%, 44%, 0%
CMY	0.6824, 0.5569, 1.0000
CMYK	0.28, 0.00, 1.00, 0.56
HSL	77°, 100%, 22%
HSV	77°, 100%, 44%
XYZ	9.2985, 13.5596, 2.1272
YIQ	90.5500, 17.2010, -41.9270

# Conversions

## Conversions Part 2

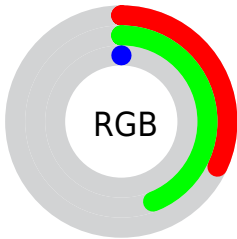
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 32
Decimal	5337344
CIELab	43.59, -26.48, 48.88
CIElCh	44, 55.597, 118.448
Yxy	13.5596, 0.3722, 0.5427
Android (android.graphics.Color)	4283527424 (0xFF517100)
YUV	90.5500, -44.6411, -8.3753
Hunter-Lab	36.8233, -19.3668, 22.3513

# Details

The Hex color **517100** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **200071**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **86A53D**, and **1E4100** is the 20% darker color. If you saturate the color by 10%, you get **517100**, and if you desaturate by 10%, it is **54710B**.

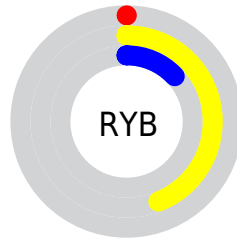
# Distribution



Red (32%)

Green (44%)

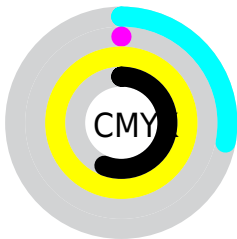
Blue (0%)



Red (0%)

Yellow (44%)

Blue (13%)

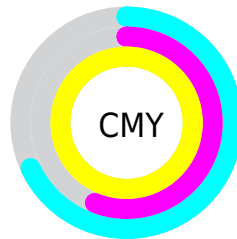


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (68%)

Magenta (56%)

















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517100 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 517100 by changing the saturation by 10% instead.




 517100	 517100
 FFFFFC	 375800
 86A53D	 1E4100
 A1C057	 002A00
 BDDC71	 001500
 DAF98C	 000000
 F7FFA7	
 FFFFC3	
 FFFFDF	
 517100	

 54710B

 577117

 5B7122

 5E712D

 617139

 647144

 67714F

 6B715A

 6E7166

# Harmonies

## Analogous

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



7E6400



517100



007834

# Triad

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



517100



0078B5



B6356B

# Complementary

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



517100



200071

# 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.



9B4598



517100



006DC4

# Square

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



517100



007C92



5F5CB9



B63D3E

# Rectangle

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



517100



007B53



5F5CB9



B0397B



# Sweetspot

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



517100



879468



711E00



424A2F



C9C9C9



4A4A4A



# Same Dimension

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



517100



6A9400



1A7100



373832



567800



B1F700



# Inverse Universe

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



200071



2A0094



570071



343238



220078



4600F7



# Previews

## White Background



This preview shows how the Hex color 517100 looks on a white background.

## Color Contrast Check

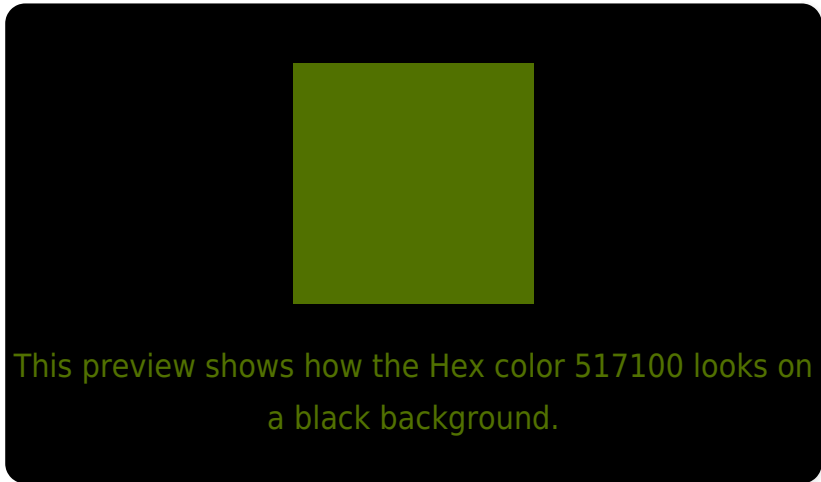
Large Text (above 18pt) WCAG AA ✓ Pass

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 517100 Background



This preview shows how black text looks on a background with the Hex color 517100.



This preview shows how white text looks on a background with the Hex color 517100.

# 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](#).

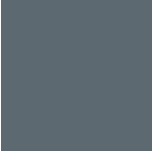
## Dichromacy



**Original Color**  
517100

**Protanopia**  
746700

**Deuteranopia**  
826215



**Tritanopia**  
5C6971

# Trichromacy



**Original Color**  
517100

**Protanomaly**  
676B00

**Deuteranomaly**  
70670D

**Tritanomaly**  
586C48

# Monochromacy



**Original Color**  
517100

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
57633A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517100 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 #517100 looks like.

```
.text, #text, p{  
    color:#517100  
}
```

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 #517100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517100
}
```

## Border

The CSS property to change the border of an element to Hex 517100 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
#517100 }
```

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

```
.border{ border-color:#517100 }
```

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

Here you see how a box with a 4 pixel #517100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517100; -webkit-box-shadow:4px 4px  
4px 4px #517100; box-shadow:4px 4px 4px  
4px #517100 }
```

# Background

The CSS property to change the background color of an element to Hex 517100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517100 }
```

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

```
.background{ background-color:#517100 }
```

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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