

Converting Colors

Hex(517228)

Have a look what the booklet for
Hex(517228) contains.

Hex(517228)	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(517228)

Conversions

Conversions Part 1

Format	Color
Hex	517228
RGB	81, 114, 40
RGB Percent	32%, 45%, 16%
CMY	0.6824, 0.5529, 0.8431
CMYK	0.29, 0.00, 0.65, 0.55
HSL	87°, 48%, 30%
HSV	87°, 65%, 45%
XYZ	9.7937, 13.9372, 4.1814
YIQ	95.6970, 4.0860, -30.0100

Conversions

Conversions Part 2

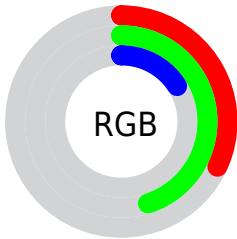
Format	Color
RYB	40, 114, 73
Decimal	5337640
CIELab	44.14, -24.83, 36.22
CIELCh	44, 43.911, 124.431
Yxy	13.9372, 0.3509, 0.4993
Android (android.graphics.Color)	4283527720 (0xFF517228)
YUV	95.6970, -27.4586, -12.8893
Hunter-Lab	37.3325, -18.5049, 19.4920

Details

The Hex color **517228** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **492872**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **85A659**, and **204200** is the 20% darker color. If you saturate the color by 10%, you get **4C721D**, and if you desaturate by 10%, it is **567233**.

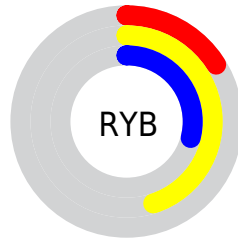
Distribution



Red (32%)

Green (45%)

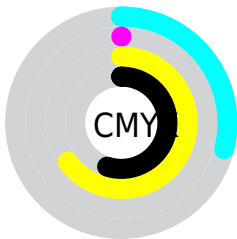
Blue (16%)



Red (16%)

Yellow (45%)

Blue (29%)

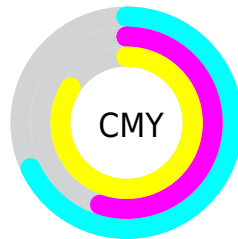


Cyan (29%)

Magenta (0%)

Yellow (65%)

Black (55%)



Cyan (68%)


Magenta (55%)


Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517228 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 517228 by changing the saturation by 10% instead.

 517228

 517228

FFFFFF

 38590F

 85A659

 204200

 A0C172

 052B00

 BBDD8C

 001700


 D7FAA7

 000000

 F4FFC2

 FFFFDF

 FFFFFC

 517228

 517228

■ 4C721D

■ 567233

■ 477211

■ 5B723F

■ 427206

■ 60724A

■ 3F7200

■ 657256

■ 6A7261

■ 70726C

■ 757278

■ 7A7283

■ 7F728F

Harmonies

Analogous

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



776819



517228



117847

Triad

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



517228



0074AA



AA4764

Complementary

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



517228



492872

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.



994E89



517228



206BB1

Square

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



517228



007991



715CA5



A74D41

Rectangle

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



517228



007A60



715CA5



A74771

Sweetspot

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



517228



879478



724828



424A39



C9C9C9



4A4A4A

Same Dimension

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



517228



609421



2D7228



363832



427800



89F700

Inverse Universe

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



492872



542194



6D2872



353238



350078



6E00F7

Previews

White Background



This preview shows how the Hex color 517228 looks on a white background.

Color Contrast Check

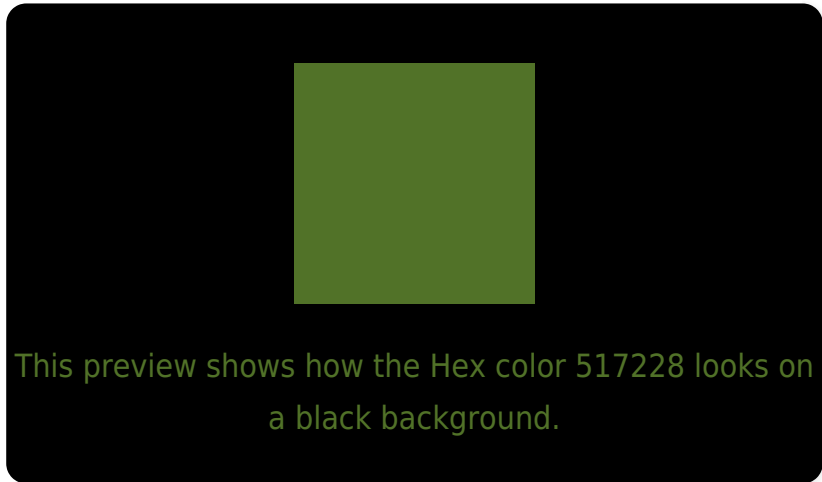
Large Text (above 18pt) WCAG AA ✓ Pass

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

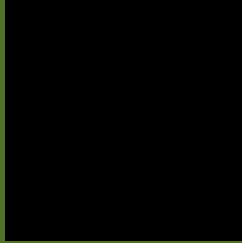
Any Text WCAG AA × Fail

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 517228 Background



This preview shows how black text looks on a background with the Hex color 517228.



This preview shows how white text looks on a background with the Hex color 517228.

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](#).

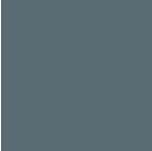
Dichromacy



Original Color
517228

Protanopia
746825

Deuteranopia
81632D



Tritanopia
5B6B73

Trichromacy



Original Color
517228

Protanomaly
676C26

Deuteranomaly
70682B

Tritanomaly
576E58

Monochromacy



Original Color
517228

Achromatopsia
606060

Achromatomaly
5B674C

CSS Examples

Text

The CSS property to change the color of the text to Hex 517228 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 #517228 looks like.

```
.text, #text, p{  
    color:#517228  
}
```

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 #517228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517228
}
```

Border

The CSS property to change the border of an element to Hex 517228 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
#517228 }
```

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

```
.border{ border-color:#517228 }
```

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

Here you see how a box with a 4 pixel #517228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517228; -webkit-box-shadow:4px 4px  
4px 4px #517228; box-shadow:4px 4px 4px  
4px #517228 }
```

Background

The CSS property to change the background color of an element to Hex 517228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517228 }
```

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

```
.background{ background-color:#517228 }
```

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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