

Converting Colors

Hex(507217)

Have a look what the booklet for
Hex(507217) contains.

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Color

Hex(507217)

Conversions

Conversions Part 1

Format	Color
Hex	507217
RGB	80, 114, 23
RGB Percent	31%, 45%, 9%
CMY	0.6863, 0.5529, 0.9098
CMYK	0.30, 0.00, 0.80, 0.55
HSL	82°, 66%, 27%
HSV	82°, 80%, 45%
XYZ	9.4802, 13.8020, 2.9750
YIQ	93.4600, 8.9470, -35.5090

Conversions

Conversions Part 2

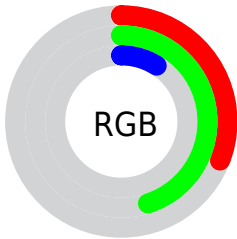
Format	Color
R_{YB}	23, 114, 57
Decimal	5272087
CIE Lab	43.95, -26.51, 43.12
CIE LCh	44, 50.619, 121.588
Yxy	13.8020, 0.3611, 0.5256
Android (android.graphics.Color)	4283462167 (0xFF507217)
YUV	93.4600, -34.7368, -11.8044
Hunter-Lab	37.1510, -19.4644, 21.2578

Details

The Hex color **507217** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **391772**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **84A64A**, and **1F4200** is the 20% darker color. If you saturate the color by 10%, you get **4C720C**, and if you desaturate by 10%, it is **547222**.

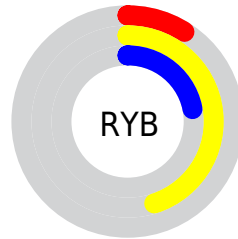
Distribution



Red (31%)

Green (45%)

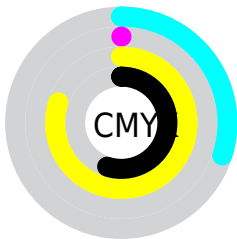
Blue (9%)



Red (9%)

Yellow (45%)

Blue (22%)

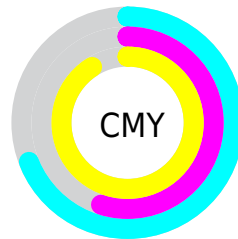


Cyan (30%)

Magenta (0%)

Yellow (80%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507217 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 507217 by changing the saturation by 10% instead.



507217



507217

FFFFFF



375900



84A64A



1F4200



A0C164



002B00



BBDD7E



001600



D8FA98



000000



F5FFB4



FFFFD0



FFFFEC



507217



507217

■ 4C720C

■ 547222

■ 477200

■ 59722E

■ 5D7239

■ 617245

■ 657250

■ 6A725B

■ 6E7267

■ 727272

■ 76727E

Harmonies

Analogous

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



7A6701



507217



00793E

Triad

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



507217



0076B2



B23E67

Complementary

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



507217



391772

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.



9C4991



507217



006CBC

Square

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



507217



007B93



6A5CB0



B0453E

Rectangle

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



507217



007B5A



6A5CB0



AD3F76

Sweetspot

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



507217



879470



723817



424A35



C9C9C9



4A4A4A

Same Dimension

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



507217



5F9406



237217



363832



4B7800



9BF700

Inverse Universe

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



391772



3B0694



661772



353238



2D0078



5C00F7

Previews

White Background



This preview shows how the Hex color 507217 looks on a white background.

Color Contrast Check

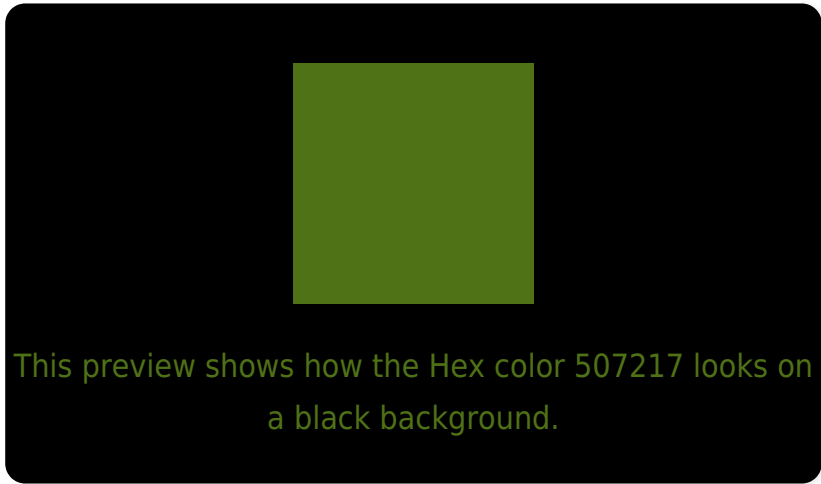
Large Text (above 18pt) WCAG AA ✓ Pass

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 507217 Background



This preview shows how black text looks on a background with the Hex color 507217.



This preview shows how white text looks on a background with the Hex color 507217.

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
507217

Protanopia
756814

Deuteranopia
82621F



Tritanopia
5B6A73

Trichromacy



Original Color
507217

Protanomaly
686C15

Deuteranomaly
70681C

Tritanomaly
576D52

Monochromacy



Original Color
507217

Achromatopsia
5D5D5D

Achromatomaly
586544

CSS Examples

Text

The CSS property to change the color of the text to Hex 507217 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 #507217 looks like.

```
.text, #text, p{  
    color:#507217  
}
```

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 #507217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507217
}
```

Border

The CSS property to change the border of an element to Hex 507217 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
#507217 }
```

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

```
.border{ border-color:#507217 }
```

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

Here you see how a box with a 4 pixel #507217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507217; -webkit-box-shadow:4px 4px  
4px 4px #507217; box-shadow:4px 4px 4px  
4px #507217 }
```

Background

The CSS property to change the background color of an element to Hex 507217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507217 }
```

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

```
.background{ background-color:#507217 }
```

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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