

Converting Colors

Hex(587120)

Have a look what the booklet for
Hex(587120) contains.

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Color

Hex(587120)

Conversions

Conversions Part 1

Format	Color
Hex	587120
RGB	88, 113, 32
RGB Percent	35%, 44%, 13%
CMY	0.6549, 0.5569, 0.8745
CMYK	0.22, 0.00, 0.72, 0.56
HSL	79°, 56%, 28%
HSV	79°, 72%, 44%
XYZ	10.1903, 13.9892, 3.5296
YIQ	96.2910, 11.1010, -30.4910

Conversions

Conversions Part 2

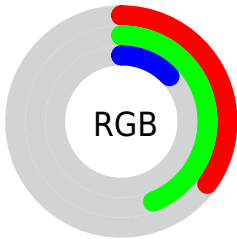
Format	Color
R_{YB}	32, 113, 57
Decimal	5796128
CIE _{Lab}	44.22, -22.03, 40.05
CIE _{LCh}	44, 45.710, 118.809
Yxy	13.9892, 0.3678, 0.5049
Android (android.graphics.Color)	4283986208 (0xFF587120)
YUV	96.2910, -31.6955, -7.2712
Hunter-Lab	37.4022, -16.8210, 20.5864

Details

The Hex color **587120** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **392071**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8CA552**, and **274100** is the 20% darker color. If you saturate the color by 10%, you get **557115**, and if you desaturate by 10%, it is **5B712B**.

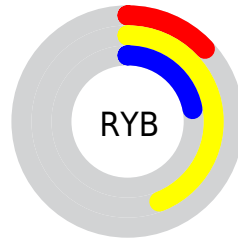
Distribution



Red (35%)

Green (44%)

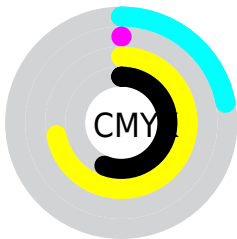
Blue (13%)



Red (13%)

Yellow (44%)

Blue (22%)

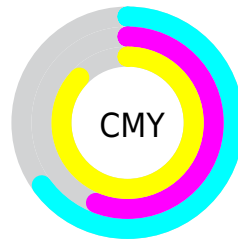


Cyan (22%)

Magenta (0%)

Yellow (72%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587120 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 587120 by changing the saturation by 10% instead.

 587120

 587120

FFFFFF

 3F5803

 8CA552

 274100

 A7C06B

 0D2B00

 C3DC85

 001700

 E0F9A0

 000000

 FDFFB

 FFFFD7

 FFFFF4

 587120

 587120

■ 557115

■ 5B712B

■ 517109

■ 5F7137

■ 4E7100

■ 627142

■ 66714D

■ 697159

■ 6D7164

■ 70716F

■ 74717A

■ 777186

Harmonies

Analogous

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



7E6614



587120



1F783F

Triad

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



587120



0076A9



AB456C

Complementary

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



587120



392071

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.



954F90



587120



006DB5

Square

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



587120



007A8C



665FAB



AC4946

Rectangle

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



587120



007A59



665FAB



A64778

Sweetspot

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



587120



8A9473



713820



444A37



C9C9C9



4A4A4A

Same Dimension

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



587120



6D9415



307120



363832



537800



ABF700

Inverse Universe

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



392071



3C1594



612071



343238



250078



4C00F7

Previews

White Background



This preview shows how the Hex color 587120 looks on a white background.

Color Contrast Check

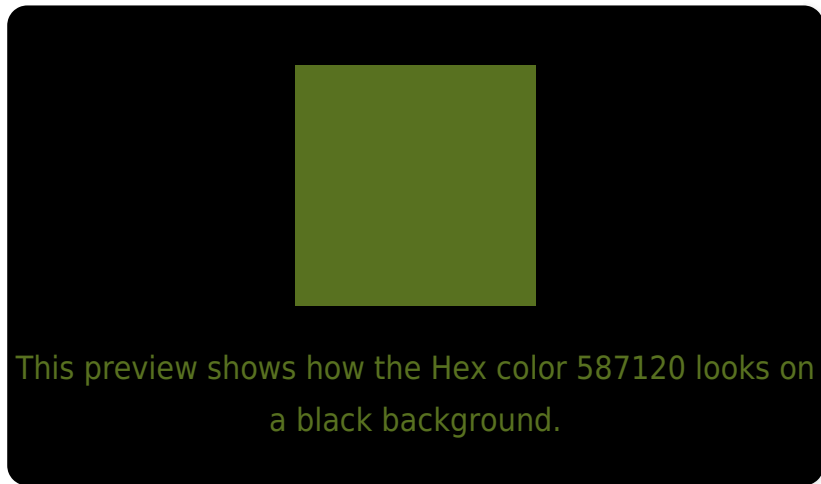
Large Text (above 18pt) WCAG AA ✓ Pass

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

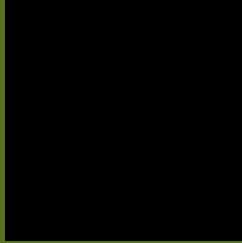
Any Text WCAG AA × Fail

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 587120 Background



This preview shows how black text looks on a background with the Hex color 587120.



This preview shows how white text looks on a background with the Hex color 587120.

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
587120

Protanopia
75691E

Deuteranopia
826325



Tritanopia
616972

Trichromacy



Original Color
587120

Protanomaly
6A6C1F

Deuteranomaly
736823

Tritanomaly
5E6C54

Monochromacy



Original Color
587120

Achromatopsia
606060

Achromatomaly
5D6649

CSS Examples

Text

The CSS property to change the color of the text to Hex 587120 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 #587120 looks like.

```
.text, #text, p{  
    color:#587120  
}
```

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 #587120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587120
}
```

Border

The CSS property to change the border of an element to Hex 587120 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
#587120 }
```

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

```
.border{ border-color:#587120 }
```

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

Here you see how a box with a 4 pixel #587120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587120; -webkit-box-shadow:4px 4px  
4px 4px #587120; box-shadow:4px 4px 4px  
4px #587120 }
```

Background

The CSS property to change the background color of an element to Hex 587120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587120 }
```

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

```
.background{ background-color:#587120 }
```

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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