

Converting Colors

Hex(587230)

Have a look what the booklet for
Hex(587230) contains.

Hex(587230)	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(587230)

Conversions

Conversions Part 1

Format	Color
Hex	587230
RGB	88, 114, 48
RGB Percent	35%, 45%, 19%
CMY	0.6549, 0.5529, 0.8118
CMYK	0.23, 0.00, 0.58, 0.55
HSL	84°, 41%, 32%
HSV	84°, 58%, 45%
XYZ	10.5753, 14.3227, 5.0035
YIQ	98.7020, 5.6900, -26.0380

Conversions

Conversions Part 2

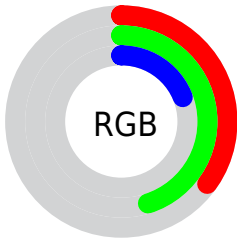
Format	Color
RYB	48, 114, 74
Decimal	5796400
CIELab	44.69, -21.12, 33.01
CIELCh	45, 39.184, 122.614
Yxy	14.3227, 0.3537, 0.4790
Android (android.graphics.Color)	4283986480 (0xFF587230)
YUV	98.7020, -24.9961, -9.3857
Hunter-Lab	37.8454, -16.3503, 18.6531

Details

The Hex color **587230** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A3072**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8CA660**, and **284200** is the 20% darker color. If you saturate the color by 10%, you get **547225**, and if you desaturate by 10%, it is **5C723B**.

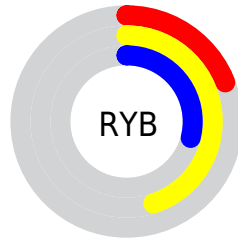
Distribution



Red (35%)

Green (45%)

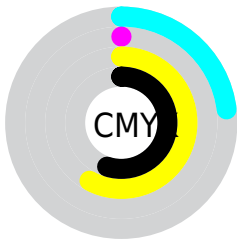
Blue (19%)



Red (19%)

Yellow (45%)

Blue (29%)

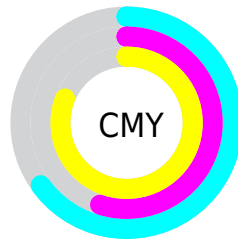


Cyan (23%)

Magenta (0%)

Yellow (58%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587230 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 587230 by changing the saturation by 10% instead.

■ 587230

■ 587230

FFFFFF

■ 3F5918

■ 8CA660

■ 284200

■ A7C17A

■ 102B00

■ C2DD94

■ 001900

■ DEFAAF

■ 000000

■ FBFFCB

■ FFFFE7

■ 587230

■ 587230

■ 547225

■ 5C723B

■ 4F7219

■ 617247

■ 4B720E

■ 657252

■ 467202

■ 6A725E

■ 457200

■ 6E7269

■ 737274

■ 777280

■ 7C728B

■ 807297

Harmonies

Analogous

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



7A6925



587230



2A784A

Triad

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



587230



0075A3



A54D68

Complementary

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



587230



4A3072

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.



945388



587230



2F6CAB

Square

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



587230



00798C



6F60A1



A45248

Rectangle

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



587230



007960



6F60A1



A14E73

Sweetspot

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



587230



8A947B



724930



444A3B



C9C9C9



4A4A4A

Same Dimension

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



587230



6C942E



387230



363832



497800



96F700

Inverse Universe

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



4A3072



562E94



6A3072



353238



2F0078



6100F7

Previews

White Background



This preview shows how the Hex color 587230 looks on a white background.

Color Contrast Check

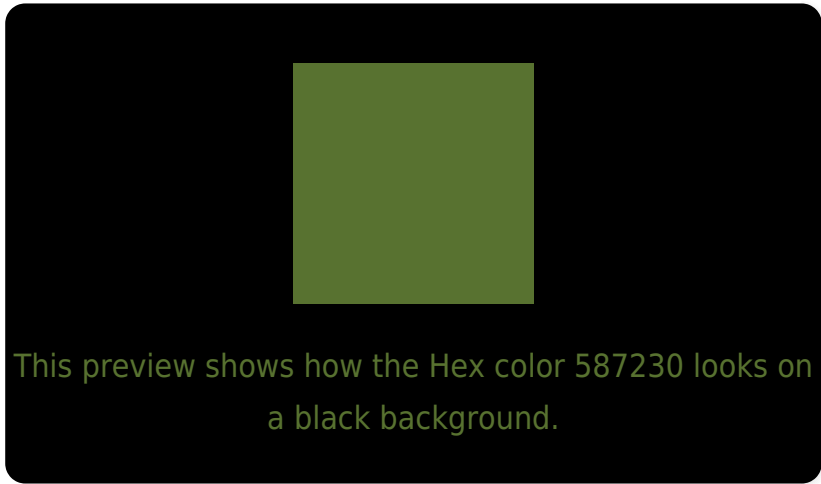
Large Text (above 18pt) WCAG AA ✓ Pass

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

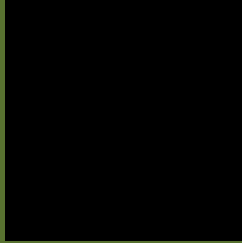
Any Text WCAG AA × Fail

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 587230 Background



This preview shows how black text looks on a background with the Hex color 587230.



This preview shows how white text looks on a background with the Hex color 587230.

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
587230

Protanopia
756A2D

Deuteranopia
826434



Tritanopia
616B74

Trichromacy



Original Color
587230

Protanomaly
6A6D2E

Deuteranomaly
736933

Tritanomaly
5E6E5B

Monochromacy



Original Color
587230

Achromatopsia
636363

Achromatomaly
5F6850

CSS Examples

Text

The CSS property to change the color of the text to Hex 587230 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 #587230 looks like.

```
.text, #text, p{  
    color:#587230  
}
```

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 #587230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587230
}
```

Border

The CSS property to change the border of an element to Hex 587230 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".

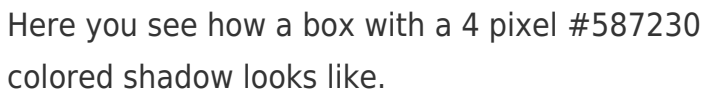
```
.border, #border, table{ border:4px solid
#587230 }
```

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

```
.border{ border-color:#587230 }
```

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

Here you see how a box with a 4 pixel #587230 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587230; -webkit-box-shadow:4px 4px  
4px 4px #587230; box-shadow:4px 4px 4px  
4px #587230 }
```

Background

The CSS property to change the background color of an element to Hex 587230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587230 }
```

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

```
.background{ background-color:#587230 }
```

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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