

Converting Colors

Hex(585102)

Have a look what the booklet for
Hex(585102) contains.

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Color

Hex(585102)

Conversions

Conversions Part 1

Format	Color
Hex	585102
RGB	88, 81, 2
RGB Percent	35%, 32%, 1%
CMY	0.6549, 0.6824, 0.9922
CMYK	0.00, 0.08, 0.98, 0.65
HSL	55°, 96%, 18%
HSV	55°, 98%, 35%
XYZ	6.9779, 7.9639, 1.2269
YIQ	74.0870, 29.5310, -23.0850

Conversions

Conversions Part 2

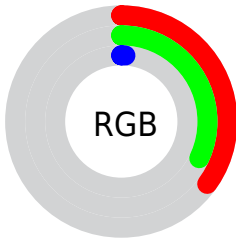
Format	Color
RYB	10, 88, 2
Decimal	5787906
CIELab	33.91, -5.76, 41.21
CIELCh	34, 41.610, 97.953
Yxy	7.9639, 0.4316, 0.4926
Android (android.graphics.Color)	4283977986 (0xFF585102)
YUV	74.0870, -35.5389, 12.2017
Hunter-Lab	28.2205, -5.2493, 17.1768

Details

The Hex color **585102** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **020958**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8D8237**, and **262500** is the 20% darker color. If you saturate the color by 10%, you get **585100**, and if you desaturate by 10%, it is **58520B**.

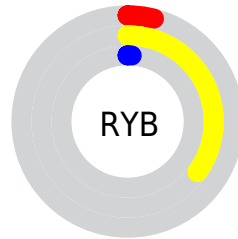
Distribution



Red (35%)

Green (32%)

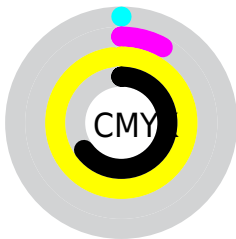
Blue (1%)



Red (4%)

Yellow (35%)

Blue (1%)

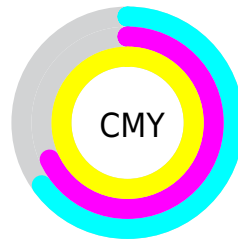


Cyan (0%)

Magenta (8%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (68%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585102 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 585102 by changing the saturation by 10% instead.

 585102

 585102

 FFFFFF1

 403A00

 8D8237

 262500

 A89C50

 071100

 C5B769

 000000

 E1D283

 FFEE9D

 FFFFB9

 FFFF5D

 585102

 585102

■ 585100

■ 58520B

■ 585214

■ 58531C

■ 585425

■ 58552E

■ 585537

■ 585640

■ 585748

■ 585751

Harmonies

Analogous

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



73450E



585102



355917

Triad

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



585102



005E78



7E3569

Complementary

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



585102



020958

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.



5C4384



585102



005A8D

Square

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



585102



005F58



0B5191



8B2F48

Rectangle

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



585102



0A5C2B



0B5191



753973

Sweetspot

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



585102



737051



580209



3B3926



BABABA



3B3B3B

Same Dimension

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



585102



736900



345802



2B2B27



6B6200



EBD800

Inverse Universe

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



020958



000973



260258



27272B



00096B



0013EB

Previews

White Background



This preview shows how the Hex color 585102 looks on a white background.

Color Contrast Check

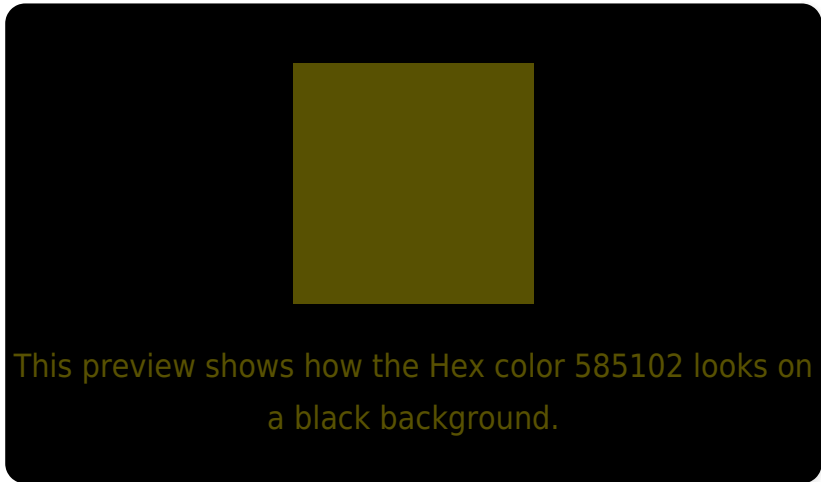
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 585102 Background



This preview shows how black text looks on a background with the Hex color 585102.



This preview shows how white text looks on a background with the Hex color 585102.

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](#).

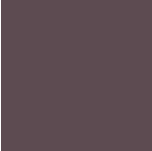
Dichromacy



Original Color
585102

Protanopia
5A5000

Deuteranopia
654C0B



Tritanopia
5D4B51

Trichromacy



Original Color
585102

Protanomaly
595001

Deuteranomaly
604E08

Tritanomaly
5B4D34

Monochromacy



Original Color
585102

Achromatopsia
4A4A4A

Achromatomaly
4F4D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 585102 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 #585102 looks like.

```
.text, #text, p{  
    color:#585102  
}
```

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 #585102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585102
}
```

Border

The CSS property to change the border of an element to Hex 585102 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
#585102 }
```

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

```
.border{ border-color:#585102 }
```

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

Here you see how a box with a 4 pixel #585102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585102; -webkit-box-shadow:4px 4px  
4px 4px #585102; box-shadow:4px 4px 4px  
4px #585102 }
```

Background

The CSS property to change the background color of an element to Hex 585102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585102 }
```

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

```
.background{ background-color:#585102 }
```

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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