

Converting Colors

Hex(567002)

Have a look what the booklet for
Hex(567002) contains.

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Color

Hex(567002)

Conversions

Conversions Part 1

Format	Color
Hex	567002
RGB	86, 112, 2
RGB Percent	34%, 44%, 1%
CMY	0.6627, 0.5608, 0.9922
CMYK	0.23, 0.00, 0.98, 0.56
HSL	74°, 96%, 22%
HSV	74°, 98%, 44%
XYZ	9.6429, 13.5712, 2.1687
YIQ	91.6860, 19.8140, -39.7220

Conversions

Conversions Part 2

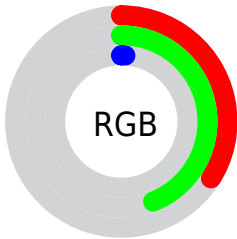
Format	Color
R_{YB}	2, 112, 28
Decimal	5664770
CIE Lab	43.61, -23.75, 48.56
CIE LCh	44, 54.060, 116.058
Yxy	13.5712, 0.3799, 0.5347
Android (android.graphics.Color)	4283854850 (0xFF567002)
YUV	91.6860, -44.2152, -4.9866
Hunter-Lab	36.8391, -17.7447, 22.2970

Details

The Hex color **567002** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1C0270**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8BA43E**, and **234000** is the 20% darker color. If you saturate the color by 10%, you get **567000**, and if you desaturate by 10%, it is **59700D**.

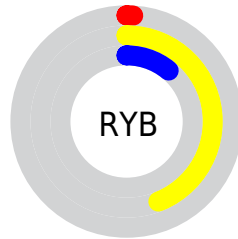
Distribution



Red (34%)

Green (44%)

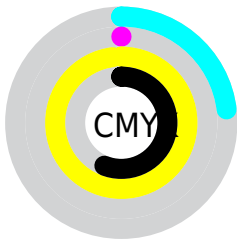
Blue (1%)



Red (1%)

Yellow (44%)

Blue (11%)

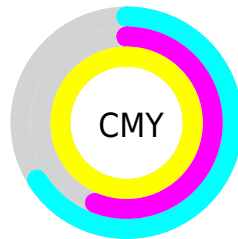


Cyan (23%)

Magenta (0%)

Yellow (98%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567002 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 567002 by changing the saturation by 10% instead.

 567002

 567002

FFFFFFD

 3C5700

 8BA43E

 234000

 A7BF58

 072A00

 C3DB72

 001500

 DFF78D

 000000

 FDFFA8

 FFFFC4

 FFFFEO

 567002

 567002

■ 567000

■ 59700D

■ 5B7018

■ 5E7024

■ 61702F

■ 63703A

■ 667045

■ 697050

■ 6B705C

■ 6E7067

Harmonies

Analogous

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



816300



567002



027832

Triad

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



567002



0078B1



B3386F

Complementary

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



567002



1C0270

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.



97489A



567002



006EC1

Square

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



567002



007B8D



5A5EB8



B53D43

Rectangle

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



567002



007A50



5A5EB8



AD3C7E

Sweetspot

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



567002



879167



701C02



444A30



C9C9C9



4A4A4A

Same Dimension

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



567002



6F9100



1F7002



373832



5C7800



BDF700

Inverse Universe

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



1C0270



220091



530270



343238



1C0078



3A00F7

Previews

White Background



This preview shows how the Hex color 567002 looks on a white background.

Color Contrast Check

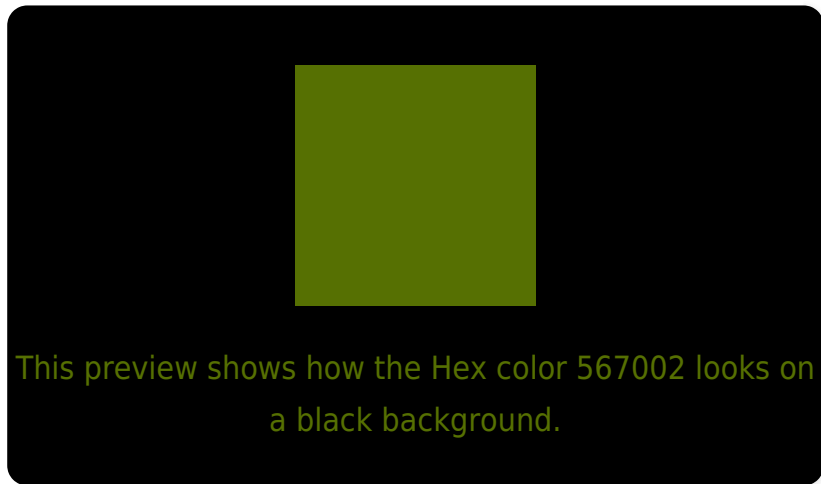
Large Text (above 18pt) WCAG AA ✓ Pass

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 567002 Background



This preview shows how black text looks on a background with the Hex color 567002.



This preview shows how white text looks on a background with the Hex color 567002.

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





Tritanopia
606870

Trichromacy



Original Color
567002

Protanomaly
696A01

Deuteranomaly
72670E

Tritanomaly
5C6B48

Monochromacy



Original Color
567002

Achromatopsia
5C5C5C

Achromatomaly
5A633B

CSS Examples

Text

The CSS property to change the color of the text to Hex 567002 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 #567002 looks like.

```
.text, #text, p{  
    color:#567002  
}
```

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 #567002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567002
}
```

Border

The CSS property to change the border of an element to Hex 567002 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
#567002 }
```

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

```
.border{ border-color:#567002 }
```

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

Here you see how a box with a 4 pixel #567002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567002; -webkit-box-shadow:4px 4px  
4px 4px #567002; box-shadow:4px 4px 4px  
4px #567002 }
```

Background

The CSS property to change the background color of an element to Hex 567002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567002 }
```

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

```
.background{ background-color:#567002 }
```

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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