

Converting Colors

Hex(560500)

Have a look what the booklet for
Hex(560500) contains.

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Color

Hex(560500)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 560500 |
| RGB | 86, 5, 0 |
| RGB Percent | 34%, 2%, 0% |
| CMY | 0.6627, 0.9804, 1.0000 |
| CMYK | 0.00, 0.94, 1.00, 0.66 |
| HSL | 3°, 100%, 17% |
| HSV | 3°, 100%, 34% |
| XYZ | 3.8920, 2.0870, 0.1977 |
| YIQ | 28.6490, 49.8810, 15.6170 |

Conversions

Conversions Part 2

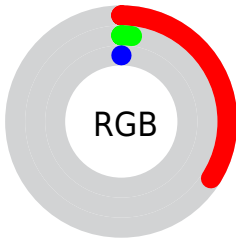
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 86, 5, 0 |
| Decimal | 5637376 |
| CIE Lab | 15.94, 34.68, 24.65 |
| CIE LCh | 16, 42.547, 35.406 |
| Yxy | 2.0870, 0.6301, 0.3379 |
| Android (android.graphics.Color) | 4283827456 (0xFF560500) |
| YUV | 28.6490, -14.1240, 50.2968 |
| Hunter-Lab | 14.4464, 22.8089, 9.3011 |

Details

The Hex color **560500** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005156**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **8E3A2F**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **560500**, and if you desaturate by 10%, it is **560D09**.

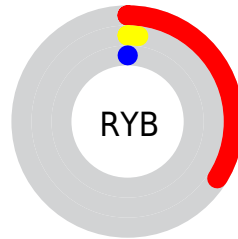
Distribution



Red (34%)

Green (2%)

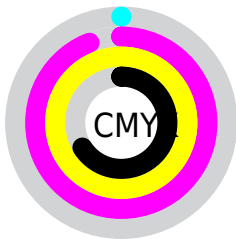
Blue (0%)



Red (34%)

Yellow (2%)

Blue (0%)

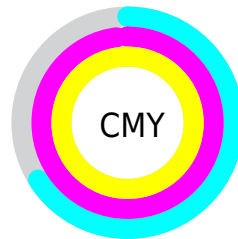


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 560500 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 560500 by changing the saturation by 10% instead.

 560500

 560500

 FFF6E2

 3B0000

 8E3A2F

 1F0001

 AB5345

 000000

 C86C5D

 E68676

 FFA190

 FFBDA A

 FFD9C6

 560500

■ 560D09

■ 561511

■ 561D1A

■ 562522

■ 562E2B

■ 563634

■ 563E3C

■ 564645

■ 564E4D

Harmonies

Analogous

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



5A0024



560500



451C00

Triad

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



560500



00320B



002A65

Complementary

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



560500



005156

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.



00315F



560500



00342D

Square

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



560500



0B2F00



00344A



2B1C5A

Rectangle

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



560500



362500



00344A



002D65

Sweetspot

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



560500



70504F



560052



382524



B8B8B8



383838

Same Dimension

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



560500



700700



562F00



2B2727



6B0600



EB0E00

Inverse Universe

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



005156



006A70



002756



272B2B



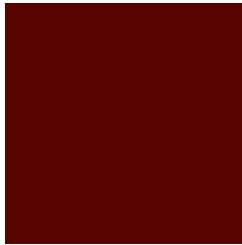
00656B



00DDEB

Previews

White Background



This preview shows how the Hex color 560500 looks on a white background.

Color Contrast Check

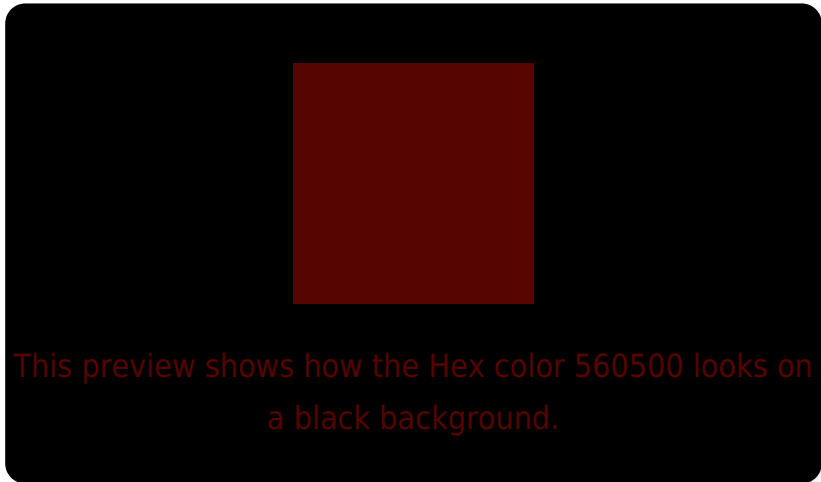
Large Text (above 18pt) WCAG AA ✓ Pass

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

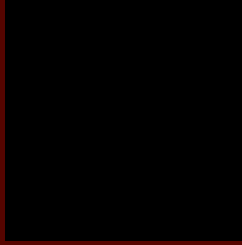
Any Text WCAG AA × Fail

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 560500 Background



This preview shows how black text looks on a background with the Hex color 560500.

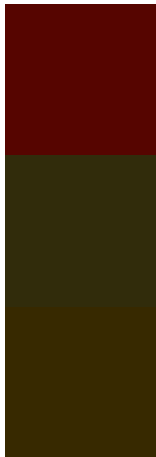


This preview shows how white text looks on a background with the Hex color 560500.

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
560500

Protanopia
312C0B

Deuteranopia
372900



Tritanopia
560800

Trichromacy



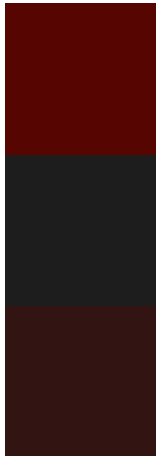
Original Color
560500

Protanomaly
3E1E07

Deuteranomaly
421C00

Tritanomaly
560700

Monochromacy



Original Color
560500

Achromatopsia
1D1D1D

Achromatomaly
321412

CSS Examples

Text

The CSS property to change the color of the text to Hex 560500 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 #560500 looks like.

```
.text, #text, p{  
    color:#560500  
}
```

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 #560500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #560500
}
```

Border

The CSS property to change the border of an element to Hex 560500 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".

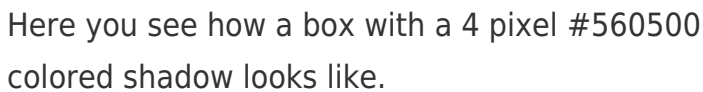
```
.border, #border, table{ border:4px solid
#560500 }
```

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

```
.border{ border-color:#560500 }
```

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

Here you see how a box with a 4 pixel #560500 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #560500 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #560500; -webkit-box-shadow:4px 4px  
4px 4px #560500; box-shadow:4px 4px 4px  
4px #560500 }
```

Background

The CSS property to change the background color of an element to Hex 560500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#560500 }
```

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

```
.background{ background-color:#560500 }
```

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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