

# Converting Colors

Hex(521606)

Have a look what the booklet for  
Hex(521606) contains.

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**Color**

**Hex(521606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	521606
RGB	82, 22, 6
RGB Percent	32%, 9%, 2%
CMY	0.6784, 0.9137, 0.9765
CMYK	0.00, 0.73, 0.93, 0.68
HSL	13°, 86%, 17%
HSV	13°, 93%, 32%
XYZ	3.7995, 2.3808, 0.4316
YIQ	38.1160, 40.8960, 7.7440

# Conversions

## Conversions Part 2

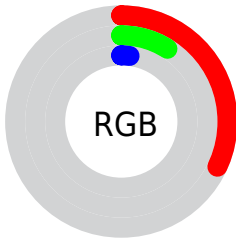
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 26, 6
Decimal	5379590
CIELab	17.37, 27.12, 23.78
CIELCh	17, 36.068, 41.240
Yxy	2.3808, 0.5746, 0.3601
Android (android.graphics.Color)	4283569670 (0xFF521606)
YUV	38.1160, -15.8332, 38.4863
Hunter-Lab	15.4299, 16.9517, 9.1425

# Details

The Hex color **521606** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **064252**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **884533**, and **1D0001** is the 20% darker color. If you saturate the color by 10%, you get **521100**, and if you desaturate by 10%, it is **521C0E**.

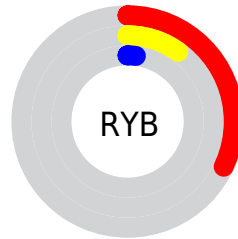
# Distribution



Red (32%)

Green (9%)

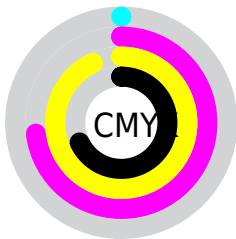
Blue (2%)



Red (32%)

Yellow (10%)

Blue (2%)

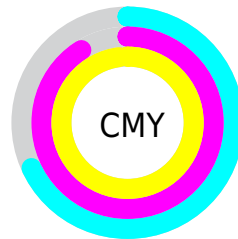


Cyan (0%)

Magenta (73%)

Yellow (93%)

Black (68%)



Cyan (68%)

Magenta (91%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 521606 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 521606 by changing the saturation by 10% instead.



 521606

 521606

 FFFFE7

 380000

 884533

 1D0001

 A55D4A

 000000

 C17662

 DF907B

 FCAB95

 FFC7AF

 FFE3CB

 521606

 521606

■ 521100

■ 521C0E

■ 522316

■ 52291F

■ 523027

■ 52362F

■ 523D37

■ 52433F

■ 524A48

■ 525050

# Harmonies

## Analogous

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



580A22



521606



432300

# Triad

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



521606



003519



002B5E

# Complementary

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



521606



064252

# 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.



00325C



521606



003634

# Square

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



521606



103200



00354C



371F52

# Rectangle

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



521606



352A00



00354C



002E5F



# Sweetspot

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



521606



6B534D



520643



362723



B5B5B5



363636



# Same Dimension

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



521606



6B1700



523B06



292625



691600



E83100



# Inverse Universe

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



064252



00556B



061D52



252829



005369

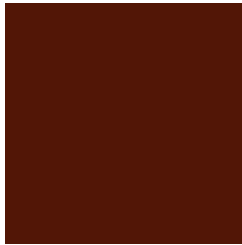


00B7E8



# Previews

## White Background



This preview shows how the Hex color 521606 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

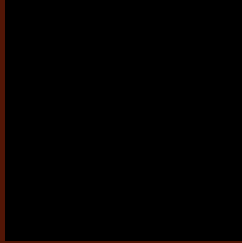
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 521606 Background



This preview shows how black text looks on a background with the Hex color 521606.

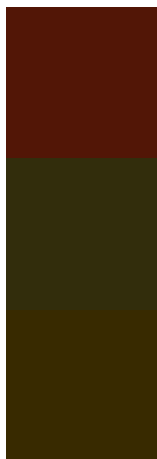


This preview shows how white text looks on a background with the Hex color 521606.

# 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**  
521606

**Protanopia**  
322D0C

**Deuteranopia**  
382A00



**Tritanopia**  
521515

# Trichromacy



**Original Color**  
521606

**Protanomaly**  
3E250A

**Deuteranomaly**  
412302

**Tritanomaly**  
521510

# Monochromacy



**Original Color**  
521606

**Achromatopsia**  
262626

**Achromatomaly**  
36201A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 521606 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 #521606 looks like.

```
.text, #text, p{  
    color:#521606  
}
```

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 #521606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #521606
}
```

## Border

The CSS property to change the border of an element to Hex 521606 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".

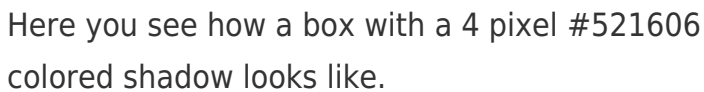
```
.border, #border, table{ border:4px solid
#521606 }
```

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

```
.border{ border-color:#521606 }
```

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

Here you see how a box with a 4 pixel #521606 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #521606; -webkit-box-shadow:4px 4px  
4px 4px #521606; box-shadow:4px 4px 4px  
4px #521606 }
```

# Background

The CSS property to change the background color of an element to Hex 521606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#521606 }
```

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

```
.background{ background-color:#521606 }
```

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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