

# Converting Colors

Hex(512601)

Have a look what the booklet for  
Hex(512601) contains.

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**Color**

**Hex(512601)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	512601
RGB	81, 38, 1
RGB Percent	32%, 15%, 0%
CMY	0.6824, 0.8510, 0.9961
CMYK	0.00, 0.53, 0.99, 0.68
HSL	28°, 98%, 16%
HSV	28°, 99%, 32%
XYZ	4.0919, 3.1377, 0.4187
YIQ	46.6390, 37.5050, -2.3910

# Conversions

## Conversions Part 2

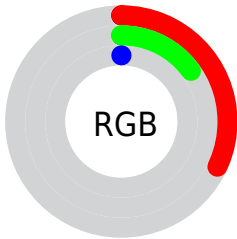
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 70, 1
Decimal	5318145
CIE <sub>Lab</sub>	20.59, 17.54, 29.51
CIE <sub>LCh</sub>	21, 34.324, 59.277
Yxy	3.1377, 0.5350, 0.4103
Android (android.graphics.Color)	4283508225 (0xFF512601)
YUV	46.6390, -22.5000, 30.1346
Hunter-Lab	17.7137, 10.2352, 10.9982

# Details

The Hex color **512601** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **012C51**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **875430**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **512500**, and if you desaturate by 10%, it is **512A09**.

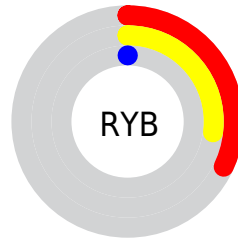
# Distribution



Red (32%)

Green (15%)

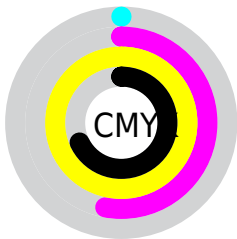
Blue (0%)



Red (32%)

Yellow (27%)

Blue (0%)

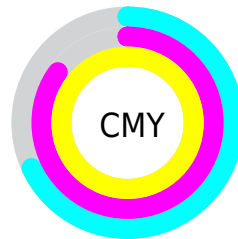


Cyan (0%)

Magenta (53%)

Yellow (99%)

Black (68%)



Cyan (68%)

Magenta (85%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 512601 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 512601 by changing the saturation by 10% instead.



 512601

 512601

 FFFFE4

 371100

 875430

 210000

 A26C47

 000000

 BF855F

 DCA078

 F9BB92

 FFD7AD

 FFF3C8

 512601

 512601

■ 512500

■ 512A09

■ 512F11

■ 513319

■ 513721

■ 513C29

■ 514032

■ 51443A

■ 514942

■ 514D4A

# Harmonies

## Analogous

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



5C1B1B



512601



3E3000

# Triad

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



512601



003D30



2F2B5E

# Complementary

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



512601



012C51

# 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.



003564



512601



003D4A

# Square

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



512601



003B16



003B5D



4F1F4C

# Rectangle

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



512601



2F3500



003B5D



1C2F62



# Sweetspot

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



512601



695849



51012D



362B22



B5B5B5



363636



# Same Dimension

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



512601



693000



514D01



292725



E86B00

# Inverse Universe

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



012C51



003869



010551



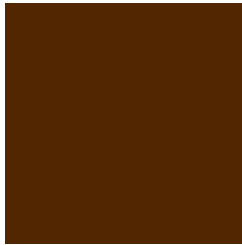
252729



007DE8

# Previews

## White Background



This preview shows how the Hex color 512601 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

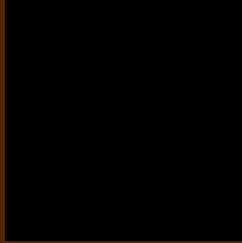
Any Text WCAG AA × Fail

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 512601 Background



This preview shows how black text looks on a background with the Hex color 512601.



This preview shows how white text looks on a background with the Hex color 512601.

# 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**  
512601

**Protanopia**  
393307

**Deuteranopia**  
403000





**Tritanopia**  
522326

# Trichromacy



**Original Color**  
512601

**Protanomaly**  
422E05

**Deuteranomaly**  
462C00

**Tritanomaly**  
522419

# Monochromacy



**Original Color**  
512601

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
3B2C1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 512601 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 #512601 looks like.

```
.text, #text, p{  
    color:#512601  
}
```

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 #512601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512601
}
```

## Border

The CSS property to change the border of an element to Hex 512601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

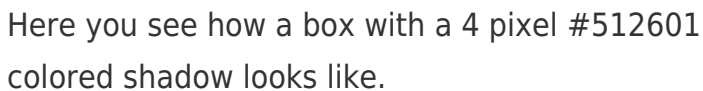
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#512601 }
```

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

```
.border{ border-color:#512601 }
```

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



Here you see how a box with a 4 pixel #512601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512601; -webkit-box-shadow:4px 4px  
4px 4px #512601; box-shadow:4px 4px 4px  
4px #512601 }
```

# Background

The CSS property to change the background color of an element to Hex 512601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512601 }
```

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

```
.background{ background-color:#512601 }
```

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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