

# Converting Colors

Hex(2B0510)

Have a look what the booklet for  
Hex(2B0510) contains.

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**Color**

**Hex(2B0510)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 2B0510                    |
| RGB           | 43, 5, 16                 |
| RGB Percent   | 17%, 2%, 6%               |
| CMY           | 0.8314, 0.9804, 0.9373    |
| CMYK          | 0.00, 0.88, 0.63, 0.83    |
| HSL           | 343°, 79%, 9%             |
| HSV           | 343°, 88%, 17%            |
| XYZ           | 1.1441, 0.6595, 0.5572    |
| YIQ           | 17.6160, 19.1170, 11.4770 |

# Conversions

## Conversions Part 2

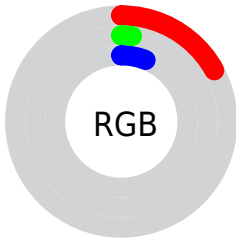
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 43, 5, 16                    |
| Decimal                             | 2819344                      |
| CIE Lab                             | 5.96, 19.94, 2.30            |
| CIE LCh                             | 6, 20.076, 6.583             |
| Yxy                                 | 0.6595, 0.4846,<br>0.2794    |
| Android<br>(android.graphics.Color) | 4281009424<br>(0xFF2B0510)   |
| YUV                                 | 17.6160, -0.7967,<br>22.2618 |
| Hunter-Lab                          | 8.1212, 10.9336,<br>1.6168   |

# Details

The Hex color **2B0510** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **052B20**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5B313B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B010D**, and if you desaturate by 10%, it is **2B0913**.

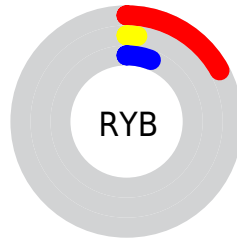
# Distribution



Red (17%)

Green (2%)

Blue (6%)



Red (17%)

Yellow (2%)

Blue (6%)

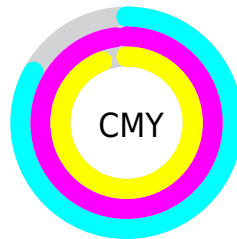


Cyan (0%)

Magenta (88%)

Yellow (63%)

Black (83%)



Cyan (83%)

Magenta (98%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B0510 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 2B0510 by changing the saturation by 10% instead.



 2B0510

 2B0510

 FFE6F0

 070000

 5B313B

 000000

 744852

 8E606A

 A97A83

 C5939D

 E1AEB8

 FECAD3

 2B0510

 2B0510

■ 2B010D

■ 2B0913

■ 2B000C

■ 2B0E16

■ 2B1219

■ 2B161C

■ 2B1A1F

■ 2B1F22

■ 2B2325

■ 2B2728

■ 2B2C2B

# Harmonies

## Analogous

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



26071E



2B0510



2A0800

# Triad

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



2B0510



021800



00182B

# Complementary

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



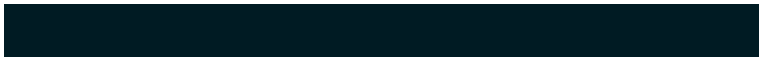
2B0510



052B20

# 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.



001B23



2B0510



001B01

# Square

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



2B0510



171400



001C16



00142E

# Rectangle

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



2B0510



260C00



001C16



001929



# Sweetspot

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



2B0510



38292D



20052B



1C1316



9C9C9C



1C1C1C



# Same Dimension

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



2B0510



380010



2B0D05



141213



540018



D4003D



# Inverse Universe

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



2B0510



380010



05232B



141213



540018

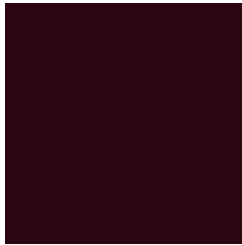


D4003D



# Previews

## White Background



This preview shows how the Hex color 2B0510 looks on a white background.

## Color Contrast Check

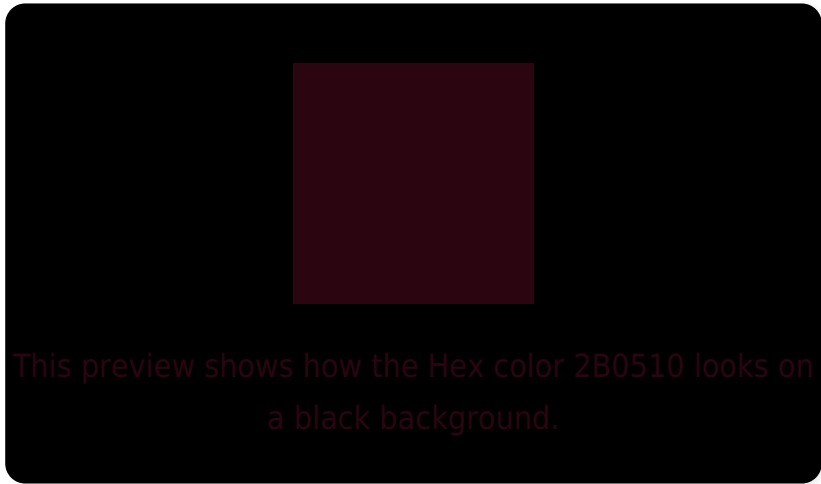
Large Text (above 18pt) WCAG AA ✓ Pass

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

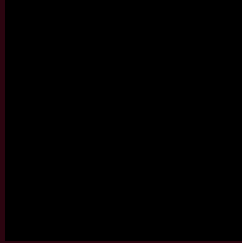
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B0510 Background



This preview shows how black text looks on a background with the Hex color 2B0510.

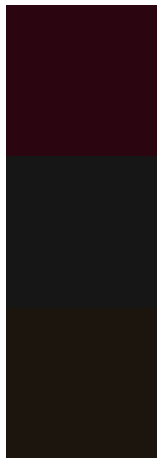


This preview shows how white text looks on a background with the Hex color 2B0510.

# 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](#).

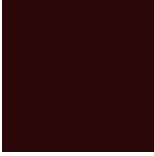
## Dichromacy



**Original Color**  
2B0510

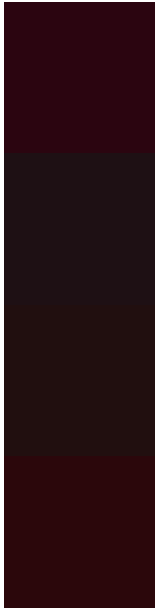
**Protanopia**  
171617

**Deuteranopia**  
1B150E



**Tritanopia**  
2B0808

# Trichromacy



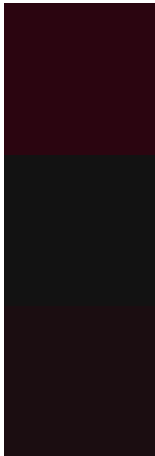
**Original Color**  
2B0510

**Protanomaly**  
1E1014

**Deuteranomaly**  
210F0F

**Tritanomaly**  
2B070B

# Monochromacy



**Original Color**  
2B0510

**Achromatopsia**  
121212

**Achromatomaly**  
1B0D11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B0510 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 #2B0510 looks like.

```
.text, #text, p{  
    color:#2B0510  
}
```

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 #2B0510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0510
}
```

## Border

The CSS property to change the border of an element to Hex 2B0510 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".

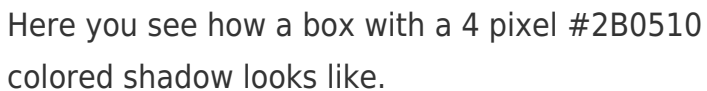
```
.border, #border, table{ border:4px solid
#2B0510 }
```

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

```
.border{ border-color:#2B0510 }
```

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

Here you see how a box with a 4 pixel #2B0510 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0510; -webkit-box-shadow:4px 4px  
4px 4px #2B0510; box-shadow:4px 4px 4px  
4px #2B0510 }
```

# Background

The CSS property to change the background color of an element to Hex 2B0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0510 }
```

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

```
.background{ background-color:#2B0510 }
```

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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