

# Converting Colors

Hex(032501)

Have a look what the booklet for  
Hex(032501) contains.

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# Color

**Hex(032501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	032501
RGB	3, 37, 1
RGB Percent	1%, 15%, 0%
CMY	0.9882, 0.8549, 0.9961
CMYK	0.92, 0.00, 0.97, 0.85
HSL	117°, 95%, 7%
HSV	117°, 97%, 15%
XYZ	0.7046, 1.3447, 0.2511
YIQ	22.7300, -8.7080, -18.4040

# Conversions

## Conversions Part 2

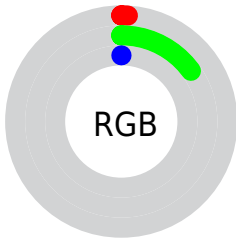
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	1, 37, 35
Decimal	206081
CIE Lab	11.58, -21.07, 16.38
CIE LCh	12, 26.689, 142.136
Yxy	1.3447, 0.3063, 0.5845
Android (android.graphics.Color)	4278396161 (0xFF032501)
YUV	22.7300, -10.7129, -17.3032
Hunter-Lab	11.5961, -9.4471, 6.8332

# Details

The Hex color **032501** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **230125**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **2F5230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **022500**, and if you desaturate by 10%, it is **062505**.

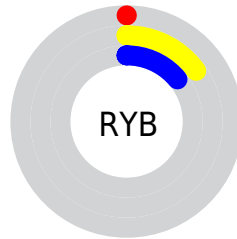
# Distribution



Red (1%)

Green (15%)

Blue (0%)



Red (0%)

Yellow (15%)

Blue (14%)

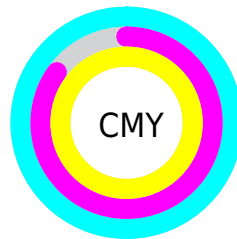


Cyan (92%)

Magenta (0%)

Yellow (97%)

Black (85%)



Cyan (99%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 032501 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 032501 by changing the saturation by 10% instead.



 032501

 032501

 E5FFE3

 000B00

 2F5230

 000000

 466B46

 5F845E

 789E77

 92B991

 ADD5AB

 C9F2C7

 032501

 032501

■ 022500

■ 062505

■ 0A2508

■ 0D250C

■ 112510

■ 142514

■ 182517

■ 1B251B

■ 1F251F

■ 222522

# Harmonies

## Analogous

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



1B2200



032501



002719

# Triad

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



032501



002243



3E0C12

# Complementary

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



032501



230125

# 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.



3C0B24



032501



131C41

# Square

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



032501



00263B



301335



391400

# Rectangle

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



032501



002726



301335



3F0A18



# Sweetspot

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



032501



233022



252301



111A11



999999



1A1A1A



# Same Dimension

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



032501



033000



012511



101210



055200



0CD100



# Inverse Universe

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



230125



2E0030



250115



121012



4D0052



C500D1



# Previews

## White Background



This preview shows how the Hex color 032501 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

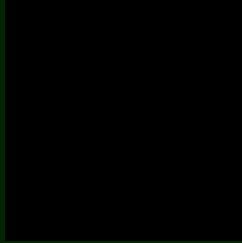
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 032501 Background



This preview shows how black text looks on a background with the Hex color 032501.



This preview shows how white text looks on a background with the Hex color 032501.

# 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**  
032501

**Protanopia**  
242000

**Deuteranopia**  
281E08



**Tritanopia**  
102225

# Trichromacy



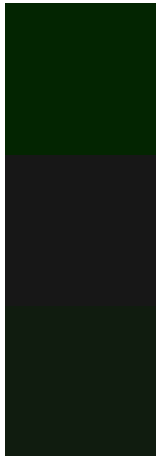
**Original Color**  
032501

**Protanomaly**  
182200

**Deuteranomaly**  
1B2105

**Tritanomaly**  
0B2318

# Monochromacy



**Original Color**  
032501

**Achromatopsia**  
171717

**Achromatomaly**  
101C0F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 032501 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 #032501 looks like.

```
.text, #text, p{  
    color:#032501  
}
```

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 #032501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032501
}
```

## Border

The CSS property to change the border of an element to Hex 032501 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".

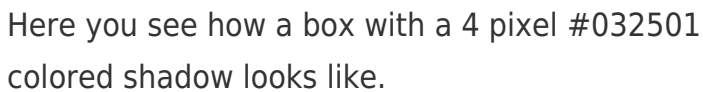
```
.border, #border, table{ border:4px solid
#032501 }
```

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

```
.border{ border-color:#032501 }
```

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

Here you see how a box with a 4 pixel #032501 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032501; -webkit-box-shadow:4px 4px  
4px 4px #032501; box-shadow:4px 4px 4px  
4px #032501 }
```

# Background

The CSS property to change the background color of an element to Hex 032501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032501 }
```

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

```
.background{ background-color:#032501 }
```

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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