

# Converting Colors

Hex(0D5222)

Have a look what the booklet for  
Hex(0D5222) contains.

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# Color

**Hex(0D5222)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D5222
RGB	13, 82, 34
RGB Percent	5%, 32%, 13%
CMY	0.9490, 0.6784, 0.8667
CMYK	0.84, 0.00, 0.59, 0.68
HSL	138°, 73%, 19%
HSV	138°, 84%, 32%
XYZ	3.4720, 6.2356, 2.5340
YIQ	55.8970, -25.7160, -29.5560

# Conversions

## Conversions Part 2

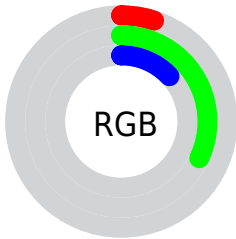
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 66, 82
Decimal	872994
CIELab	30.00, -32.37, 22.21
CIElCh	30, 39.257, 145.548
Yxy	6.2356, 0.2836, 0.5094
Android (android.graphics.Color)	4279063074 (0xFF0D5222)
YUV	55.8970, -10.7952, -37.6207
Hunter-Lab	24.9713, -18.8811, 11.4634

# Details

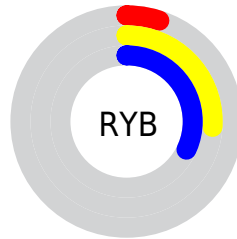
The Hex color **0D5222** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **520D3D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **458450**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **05521C**, and if you desaturate by 10%, it is **155228**.

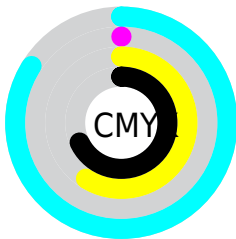
# Distribution



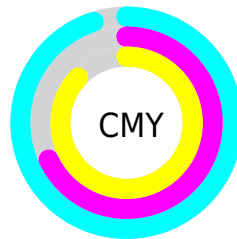
- Red (5%)
- Green (32%)
- Blue (13%)



- Red (5%)
- Yellow (26%)
- Blue (32%)



- Cyan (84%)
- Magenta (0%)
- Yellow (59%)
- Black (68%)



- Cyan (95%)
- Magenta (68%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D5222 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 0D5222 by changing the saturation by 10% instead.





0D5222



0D5222

FFFFFF



003A0C



458450



002500



5F9F68



000000



79BA82



94D69C



B0F2B7



CCFFD2



E8FFE8



0D5222



0D5222

■ 05521C

■ 155228

■ 005219

■ 1D522D

■ 265233

■ 2E5239

■ 36523F

■ 3E5244

■ 46524A

■ 4F5250

■ 575255

# Harmonies

## Analogous

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



3C4D06



0D5222



005541

# Triad

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



0D5222



004C84



7C2B2E

# Complementary

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



0D5222



520D3D

# 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.



7A284D



0D5222



3D417E

# Square

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



0D5222



005279



67326A



703713

# Rectangle

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



0D5222



005556



67326A



7D2938



# Sweetspot

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



0D5222



506B58



3D520D



25362A



B5B5B5



363636



# Same Dimension

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



0D5222



006B21



0D5244



252926



006920



00E847



# Inverse Universe

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



520D3D



6B004B



520D1B



292528



690049



E800A1



# Previews

## White Background



This preview shows how the Hex color 0D5222 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

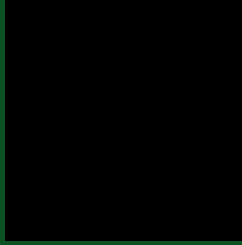
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D5222 Background



This preview shows how black text looks on a background with the Hex color 0D5222.



This preview shows how white text looks on a background with the Hex color 0D5222.

# 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**  
0D5222

**Protanopia**  
4F471F

**Deuteranopia**  
564326



**Tritanopia**  
224D53

# Trichromacy



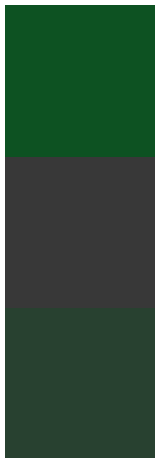
**Original Color**  
0D5222

**Protanomaly**  
374B20

**Deuteranomaly**  
3B4825

**Tritanomaly**  
1A4F41

# Monochromacy



**Original Color**  
0D5222

**Achromatopsia**  
383838

**Achromatomaly**  
284130

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D5222 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 #0D5222 looks like.

```
.text, #text, p{  
    color:#0D5222  
}
```

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 #0D5222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5222
}
```

## Border

The CSS property to change the border of an element to Hex 0D5222 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
#0D5222 }
```

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

```
.border{ border-color:#0D5222 }
```

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

Here you see how a box with a 4 pixel #0D5222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5222; -webkit-box-shadow:4px 4px  
4px 4px #0D5222; box-shadow:4px 4px 4px  
4px #0D5222 }
```

# Background

The CSS property to change the background color of an element to Hex 0D5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5222 }
```

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

```
.background{ background-color:#0D5222 }
```

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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