

# Converting Colors

Hex(0D3B20)

Have a look what the booklet for  
Hex(0D3B20) contains.

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# Color

**Hex(0D3B20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D3B20
RGB	13, 59, 32
RGB Percent	5%, 23%, 13%
CMY	0.9490, 0.7686, 0.8745
CMYK	0.78, 0.00, 0.46, 0.77
HSL	145°, 64%, 14%
HSV	145°, 78%, 23%
XYZ	1.9907, 3.3178, 1.9020
YIQ	42.1680, -18.7490, -18.1490

# Conversions

## Conversions Part 2

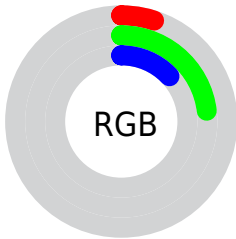
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 46, 59
Decimal	867104
CIE <sub>Lab</sub>	21.27, -22.84, 12.37
CIE <sub>LCh</sub>	21, 25.977, 151.557
Yxy	3.3178, 0.2761, 0.4601
Android (android.graphics.Color)	4279057184 (0xFF0D3B20)
YUV	42.1680, -5.0128, -25.5803
Hunter-Lab	18.2148, -12.3680, 6.5593

# Details

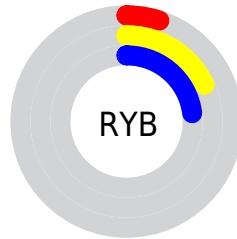
The Hex color **0D3B20** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B0D28**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3E6B4C**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **073B1D**, and if you desaturate by 10%, it is **133B23**.

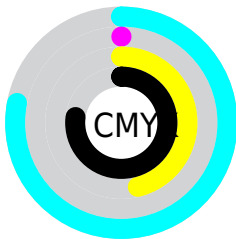
# Distribution



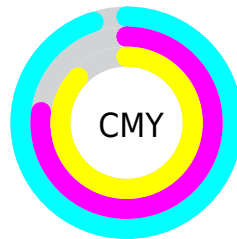
- Red (5%)
- Green (23%)
- Blue (13%)



- Red (5%)
- Yellow (18%)
- Blue (23%)



- Cyan (78%)
- Magenta (0%)
- Yellow (46%)
- Black (77%)



- Cyan (95%)
- Magenta (77%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D3B20 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 0D3B20 by changing the saturation by 10% instead.



 0D3B20

 0D3B20

 F9FFFF

 00250A

 3E6B4C

 000900

 578464

 000000

 709F7D

 8ABA97

 A5D5B2

 C0F2CE

 DCFFEA

 0D3B20

 0D3B20

■ 073B1D

■ 133B23

■ 013B19

■ 193B27

■ 003B18

■ 1F3B2A

■ 253B2E

■ 2B3B31

■ 303B35

■ 363B38

■ 3C3B3C

■ 423B3F

# Harmonies

## Analogous

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



293810



0D3B20



003C34

# Triad

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



0D3B20



093559



552420

# Complementary

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



0D3B20



3B0D28

# 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.



552233



0D3B20



352E54

# Square

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



0D3B20



003A54



4B2646



4C2B11

# Rectangle

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



0D3B20



003C41



4B2646



562326



# Sweetspot

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



0D3B20



3B4D42



293B0D



1C2620



A6A6A6



262626



# Same Dimension

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



0D3B20



054D22



0D3B36



1C1F1D



005E27



00DE5C



# Inverse Universe

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



3B0D28



4D052F



3B0D12



1F1C1D



5E0037

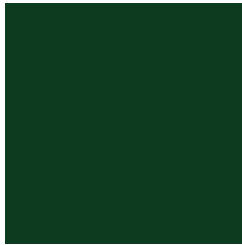


DE0082



# Previews

## White Background



This preview shows how the Hex color 0D3B20 looks on a white background.

## Color Contrast Check

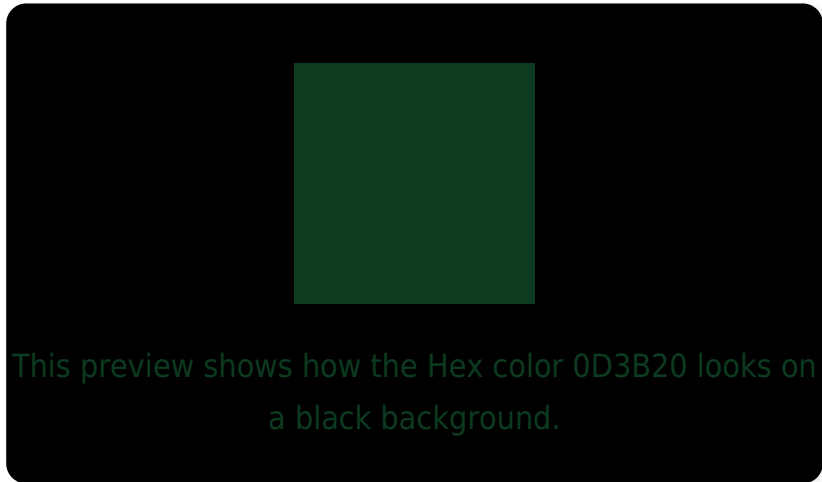
Large Text (above 18pt) WCAG AA ✓ Pass

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

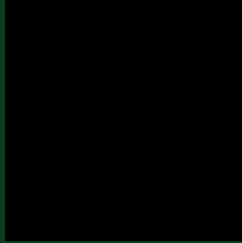
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D3B20 Background



This preview shows how black text looks on a background with the Hex color 0D3B20.



This preview shows how white text looks on a background with the Hex color 0D3B20.

# 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](#).

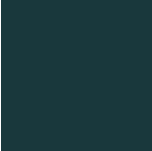
## Dichromacy



**Original Color**  
0D3B20

**Protanopia**  
38331D

**Deuteranopia**  
3D3122



**Tritanopia**  
19383C

# Trichromacy



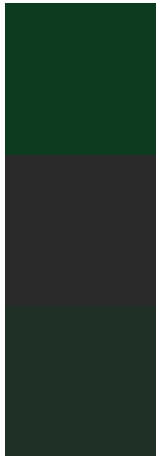
**Original Color**  
0D3B20

**Protanomaly**  
28361E

**Deuteranomaly**  
2C3521

**Tritanomaly**  
153932

# Monochromacy



**Original Color**  
0D3B20

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1F3026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D3B20 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 #0D3B20 looks like.

```
.text, #text, p{  
    color:#0D3B20  
}
```

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 #0D3B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3B20
}
```

## Border

The CSS property to change the border of an element to Hex 0D3B20 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
#0D3B20 }
```

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

```
.border{ border-color:#0D3B20 }
```

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

Here you see how a box with a 4 pixel #0D3B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3B20; -webkit-box-shadow:4px 4px  
4px 4px #0D3B20; box-shadow:4px 4px 4px  
4px #0D3B20 }
```

# Background

The CSS property to change the background color of an element to Hex 0D3B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3B20 }
```

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

```
.background{ background-color:#0D3B20 }
```

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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