

Converting Colors

Hex(0D4B20)

Have a look what the booklet for
Hex(0D4B20) contains.

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Color

Hex(0D4B20)

Conversions

Conversions Part 1

Format	Color
Hex	0D4B20
RGB	13, 75, 32
RGB Percent	5%, 29%, 13%
CMY	0.9490, 0.7059, 0.8745
CMYK	0.83, 0.00, 0.57, 0.71
HSL	138°, 70%, 17%
HSV	138°, 83%, 29%
XYZ	2.9428, 5.2220, 2.2193
YIQ	51.5600, -23.1490, -26.5170

Conversions

Conversions Part 2

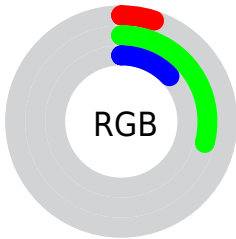
Format	Color
RYB	13, 60, 75
Decimal	871200
CIELab	27.36, -29.88, 20.12
CIElCh	27, 36.028, 146.046
Yxy	5.2220, 0.2834, 0.5029
Android (android.graphics.Color)	4279061280 (0xFF0D4B20)
YUV	51.5600, -9.6431, -33.8171
Hunter-Lab	22.8517, -17.0038, 10.2380

Details

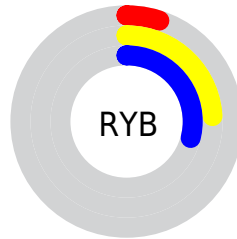
The Hex color **0D4B20** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B0D38**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **437D4D**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **054B1B**, and if you desaturate by 10%, it is **144B25**.

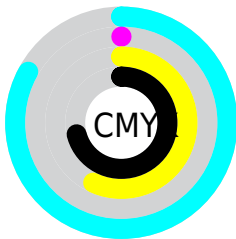
Distribution



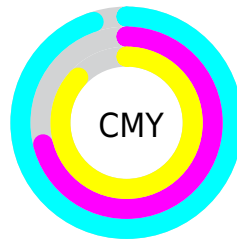
- Red (5%)
- Green (29%)
- Blue (13%)



- Red (5%)
- Yellow (24%)
- Blue (29%)



- Cyan (83%)
- Magenta (0%)
- Yellow (57%)
- Black (71%)



- Cyan (95%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D4B20 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 0D4B20 by changing the saturation by 10% instead.

 0D4B20

 0D4B20

FFFFFF

 00340A

 437D4D

 002100

 5C9765

 000000

 76B27F

 91CD99

 ACEAB4

 C8FFCF

 E5FFEC

 0D4B20

 0D4B20

■ 054B1B

■ 144B25

■ 004B17

■ 1C4B2A

■ 234B30

■ 2B4B35

■ 334B3A

■ 3A4B3F

■ 424B44

■ 494B4A

■ 514B4F

Harmonies

Analogous

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



374608



0D4B20



004D3C

Triad

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



0D4B20



004578



71282A

Complementary

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



0D4B20



4B0D38

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.



702645



0D4B20



393B72

Square

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



0D4B20



004B6E



5E2E60



663312

Rectangle

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



0D4B20



004E4F



5E2E60



722633

Sweetspot

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



0D4B20



496150



384B0D



223026



B0B0B0



303030

Same Dimension

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



0D4B20



01611E



0D4B3F



222624



00661F



00E646

Inverse Universe

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



4B0D38



610144



4B0D19



262225



660047



E6009F

Previews

White Background



This preview shows how the Hex color 0D4B20 looks on a white background.

Color Contrast Check

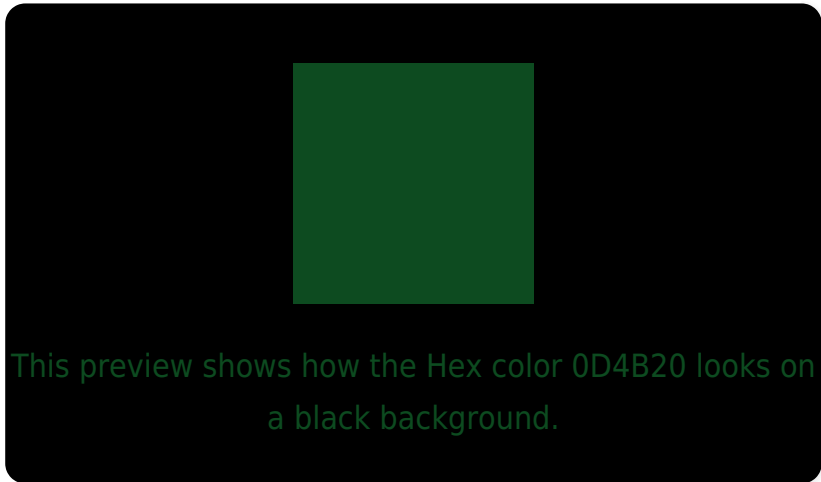
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D4B20 Background



This preview shows how black text looks on a background with the Hex color 0D4B20.



This preview shows how white text looks on a background with the Hex color 0D4B20.

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](#).

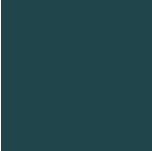
Dichromacy



Original Color
0D4B20

Protanopia
48411D

Deuteranopia
4F3E24



Tritanopia
20464C

Trichromacy



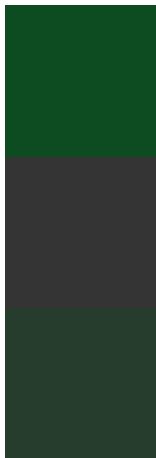
Original Color
0D4B20

Protanomaly
33451E

Deuteranomaly
374323

Tritanomaly
19483C

Monochromacy



Original Color
0D4B20

Achromatopsia
343434

Achromatomaly
263C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D4B20 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 #0D4B20 looks like.

```
.text, #text, p{  
    color:#0D4B20  
}
```

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 #0D4B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4B20  
}
```

Border

The CSS property to change the border of an element to Hex 0D4B20 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  
#0D4B20 }
```

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

```
.border{ border-color:#0D4B20 }
```

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

Here you see how a box with a 4 pixel #0D4B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4B20; -webkit-box-shadow:4px 4px  
4px 4px #0D4B20; box-shadow:4px 4px 4px  
4px #0D4B20 }
```

Background

The CSS property to change the background color of an element to Hex 0D4B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4B20 }
```

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

```
.background{ background-color:#0D4B20 }
```

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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