

Converting Colors

Hex(215020)

Have a look what the booklet for
Hex(215020) contains.

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Color

Hex(215020)

Conversions

Conversions Part 1

Format	Color
Hex	215020
RGB	33, 80, 32
RGB Percent	13%, 31%, 13%
CMY	0.8706, 0.6863, 0.8745
CMYK	0.59, 0.00, 0.60, 0.69
HSL	119°, 43%, 22%
HSV	119°, 60%, 31%
XYZ	3.7566, 6.1649, 2.3585
YIQ	60.4750, -12.6040, -24.8920

Conversions

Conversions Part 2

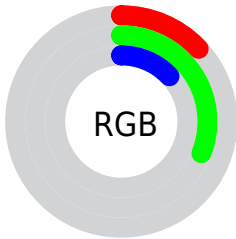
Format	Color
R_{YB}	32, 80, 79
Decimal	2183200
CIE _{Lab}	29.82, -27.21, 23.26
CIE _{LCh}	30, 35.791, 139.473
Yxy	6.1649, 0.3059, 0.5020
Android (android.graphics.Color)	4280373280 (0xFF215020)
YUV	60.4750, -14.0382, -24.0956
Hunter-Lab	24.8293, -16.4449, 11.7487

Details

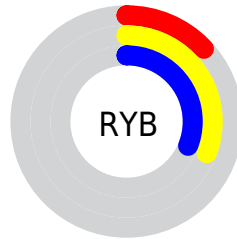
The Hex color **215020** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F2050**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **52824E**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **195018**, and if you desaturate by 10%, it is **295028**.

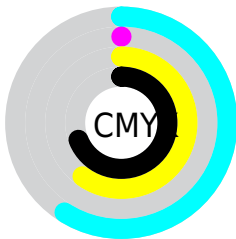
Distribution



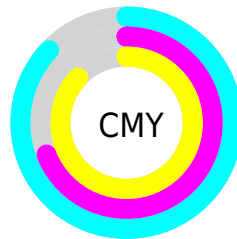
- Red (13%)
- Green (31%)
- Blue (13%)



- Red (13%)
- Yellow (31%)
- Blue (31%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215020 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 215020 by changing the saturation by 10% instead.

 215020

 215020

FFFFFF

 05390A

 52824E

 002300

 6C9C66

 000000


 86B77F


 A1D39A

 BCEFB4

 D8FFD0

 F5FFEC

 215020

 215020

■ 195018

■ 295028

■ 115010

■ 315030

■ 0A5008

■ 395038

■ 025000

■ 405040

■ 485048

■ 505050

■ 585058

■ 605060

■ 685068

Harmonies

Analogous

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



434A0B



215020



00533B

Triad

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



215020



004C7D



792D35

Complementary

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



215020



4F2050

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.



742D51



215020



34437B

Square

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



215020



005270



5E376B



70361D

Rectangle

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



215020



00544F



5E376B



792C3F

Sweetspot

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



215020



566956



504E20



2A362A



B5B5B5



363636

Same Dimension

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



215020



1F691D



205036



252925



026900



05E800

Inverse Universe

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



4F2050



671D69



50203A



292529



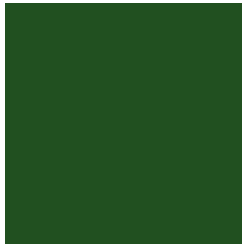
660069



E300E8

Previews

White Background



This preview shows how the Hex color 215020 looks on a white background.

Color Contrast Check

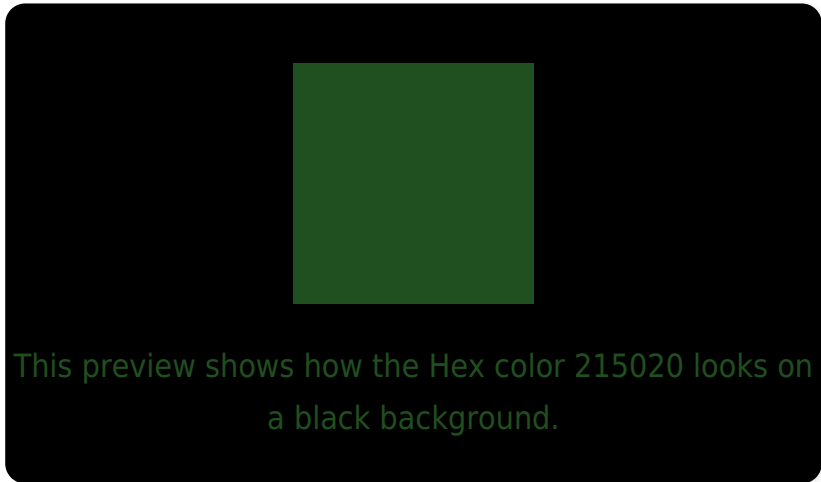
Large Text (above 18pt) WCAG AA ✓ Pass

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

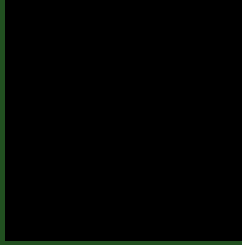
Any Text WCAG AA × Fail

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 215020 Background



This preview shows how black text looks on a background with the Hex color 215020.



This preview shows how white text looks on a background with the Hex color 215020.

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
215020

Protanopia
4E461D

Deuteranopia
564324



Tritanopia
2C4B51

Trichromacy



Original Color
215020

Protanomaly
3E4A1E

Deuteranomaly
434823

Tritanomaly
284D3F

Monochromacy



Original Color
215020

Achromatopsia
3C3C3C

Achromatomaly
324332

CSS Examples

Text

The CSS property to change the color of the text to Hex 215020 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 #215020 looks like.

```
.text, #text, p{  
    color:#215020  
}
```

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 #215020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215020
}
```

Border

The CSS property to change the border of an element to Hex 215020 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".

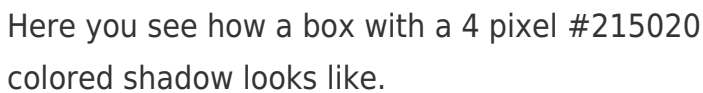
```
.border, #border, table{ border:4px solid
#215020 }
```

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

```
.border{ border-color:#215020 }
```

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

Here you see how a box with a 4 pixel #215020 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215020; -webkit-box-shadow:4px 4px  
4px 4px #215020; box-shadow:4px 4px 4px  
4px #215020 }
```

Background

The CSS property to change the background color of an element to Hex 215020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215020 }
```

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

```
.background{ background-color:#215020 }
```

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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