

Converting Colors

Hex(213824)

Have a look what the booklet for
Hex(213824) contains.

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Color

Hex(213824)

Conversions

Conversions Part 1

Format	Color
Hex	213824
RGB	33, 56, 36
RGB Percent	13%, 22%, 14%
CMY	0.8706, 0.7804, 0.8588
CMYK	0.41, 0.00, 0.36, 0.78
HSL	128°, 26%, 17%
HSV	128°, 41%, 22%
XYZ	2.3598, 3.2791, 2.1776
YIQ	46.8430, -7.2880, -11.0960

Conversions

Conversions Part 2

Format	Color
RYB	33, 53, 56
Decimal	2177060
CIELab	21.13, -14.17, 9.73
CIELCh	21, 17.189, 145.537
Yxy	3.2791, 0.3019, 0.4195
Android (android.graphics.Color)	4280367140 (0xFF213824)
YUV	46.8430, -5.3456, -12.1403
Hunter-Lab	18.1082, -8.4276, 5.5457

Details

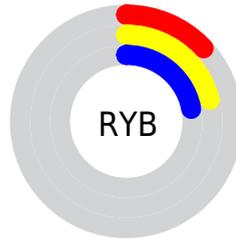
The Hex color **213824** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **382135**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4E6751**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **1B381F**, and if you desaturate by 10%, it is **273829**.

Distribution



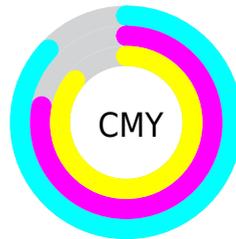
- Red (13%)
- Green (22%)
- Blue (14%)



- Red (13%)
- Yellow (21%)
- Blue (22%)



- Cyan (41%)
- Magenta (0%)
- Yellow (36%)
- Black (78%)



- Cyan (87%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213824 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 213824 by changing the saturation by 10% instead.

 213824

 213824

FFFFFF

 0C220F

 4E6751

 000800

 678069

 000000

 809A82

 9AB59C

 B5D1B7

 D1EDD3

 EDFFE7

 213824

 213824

■ 1B381F

■ 273829

■ 16381A

■ 2C382E

■ 103815

■ 323833

■ 0B3811

■ 373837

■ 05380C

■ 3D383C

■ 003807

■ 433841

■ 483846

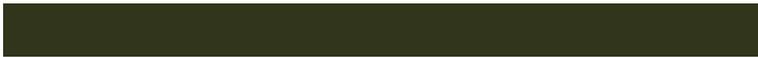
■ 4E384B

■ 533850

Harmonies

Analogous

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



30351B



213824



0F3930

Triad

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



213824



1C354C



4B2A29

Complementary

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



213824



382135

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.



4A2935



213824



31304A

Square

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



213824



033847



412C41



462D1E

Rectangle

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



213824



013939



412C41



4B292D

Sweetspot

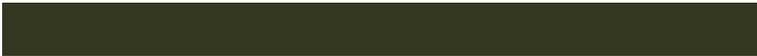
The Sweet Spot groups the original color and five complimentary colors.



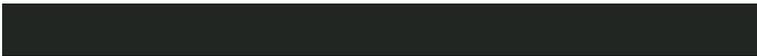
213824



414A42



353821



212622



A6A6A6



262626

Same Dimension

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



213824



264A2A



21382F



191C1A



005C0C



00DB1D

Inverse Universe

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



382135



4A2645



38212A



1C191C



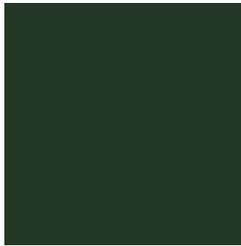
5C0050



DB00BF

Previews

White Background



This preview shows how the Hex color 213824 looks on a white background.

Color Contrast Check

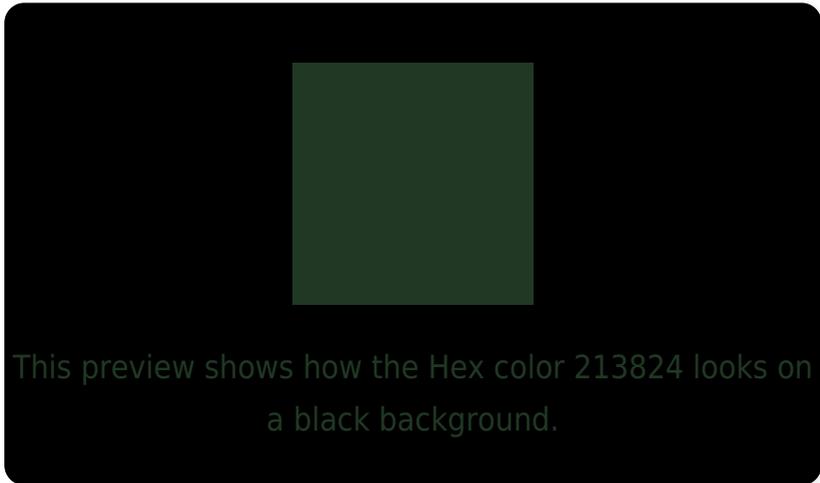
Large Text (above 18pt) WCAG AA ✓ Pass

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

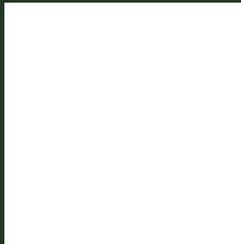
Any Text WCAG AAA × Fail

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

Hex 213824 Background



This preview shows how black text looks on a background with the Hex color 213824.



This preview shows how white text looks on a background with the Hex color 213824.

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
213824

Protanopia
373322

Deuteranopia
3C3126



Tritanopia
25353A

Trichromacy



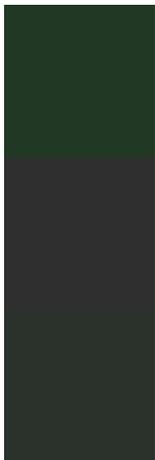
Original Color
213824

Protanomaly
2F3523

Deuteranomaly
323425

Tritanomaly
243632

Monochromacy



Original Color
213824

Achromatopsia
2F2F2F

Achromatomaly
2A322B

CSS Examples

Text

The CSS property to change the color of the text to Hex 213824 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 #213824 looks like.

```
.text, #text, p{  
    color:#213824  
}
```

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 #213824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213824
}
```

Border

The CSS property to change the border of an element to Hex 213824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

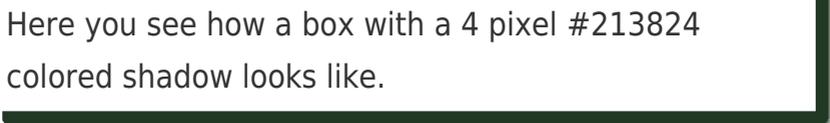
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213824 }
```

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

```
.border{ border-color:#213824 }
```

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



Here you see how a box with a 4 pixel #213824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213824; -webkit-box-shadow:4px 4px  
4px 4px #213824; box-shadow:4px 4px 4px  
4px #213824 }
```

Background

The CSS property to change the background color of an element to Hex 213824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213824 }
```

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

```
.background{ background-color:#213824 }
```

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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