

Converting Colors

Hex(214145)

Have a look what the booklet for
Hex(214145) contains.

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Color

Hex(214145)

Conversions

Conversions Part 1

Format	Color
Hex	214145
RGB	33, 65, 69
RGB Percent	13%, 25%, 27%
CMY	0.8706, 0.7451, 0.7294
CMYK	0.52, 0.06, 0.00, 0.73
HSL	187°, 35%, 20%
HSV	187°, 52%, 27%
XYZ	3.5917, 4.5336, 6.3160
YIQ	55.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

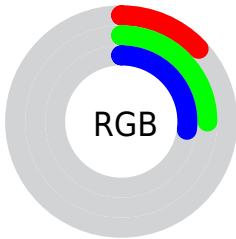
Format	Color
RYB	33, 50, 69
Decimal	2179397
CIELab	25.36, -10.50, -6.11
CIELCh	25, 12.146, 210.180
Yxy	4.5336, 0.2487, 0.3139
Android (android.graphics.Color)	4280369477 (0xFF214145)
YUV	55.8880, 6.4642, -20.0728
Hunter-Lab	21.2922, -7.1512, -2.6828

Details

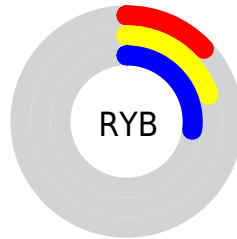
The Hex color **214145** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **452521**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **507175**, and **00171A** is the 20% darker color. If you saturate the color by 10%, you get **1A4045**, and if you desaturate by 10%, it is **284245**.

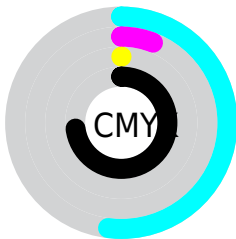
Distribution



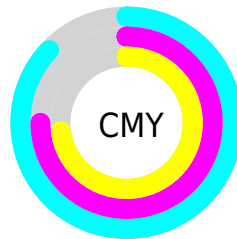
- Red (13%)
- Green (25%)
- Blue (27%)



- Red (13%)
- Yellow (20%)
- Blue (27%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (73%)



- Cyan (87%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214145 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 214145 by changing the saturation by 10% instead.

■ 214145

■ 214145

FFFFFF

■ 092B2F

■ 507175

■ 00171A

■ 698A8F

■ 000000

■ 83A5A9

■ 9DC0C4

■ B9DCE0

■ D5F8FD

■ F1FFFF

■ 214145

■ 214145

■ 1A4045

■ 284245

■ 133F45

■ 2F4345

■ 0C3F45

■ 364345

■ 053E45

■ 3D4445

■ 003D45

■ 444545

■ 4A4645

■ 514645

■ 584745

■ 5F4845

Harmonies

Analogous

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



25413C



214145



26404C

Triad

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



214145



483745



433C2A

Complementary

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



214145



452521

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.



4A382C



214145



4E353C

Square

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



214145



3E3A4C



4F3633



393E2C

Rectangle

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



214145



2D3E4E



4F3633



463A2A

Sweetspot

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



214145



4B5859



214525



252D2E



ADADAD



2E2E2E

Same Dimension

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



214145



215359



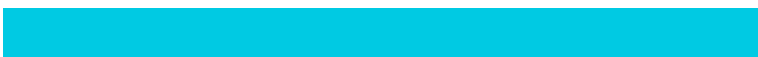
212F45



202324



005863



00CAE3

Inverse Universe

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



452141



592153



453721



242023



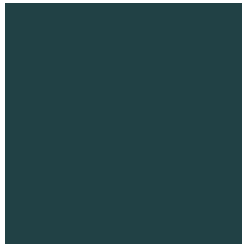
630058



E300CA

Previews

White Background



This preview shows how the Hex color 214145 looks on a white background.

Color Contrast Check

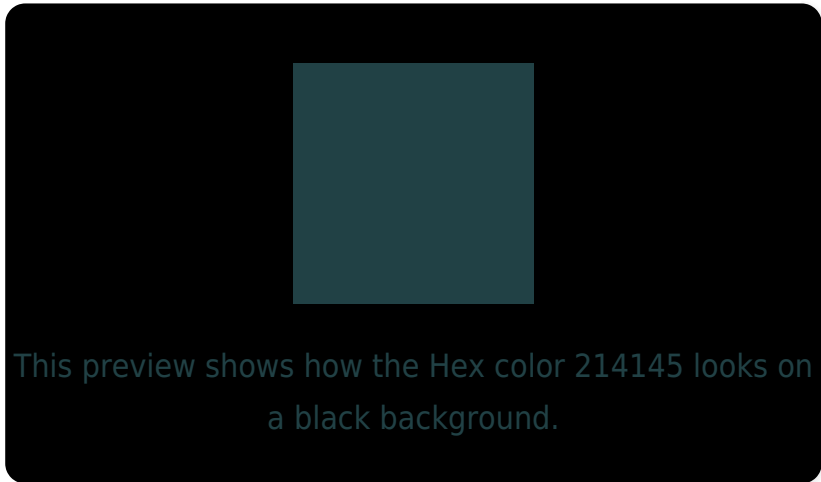
Large Text (above 18pt) WCAG AA ✓ Pass

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

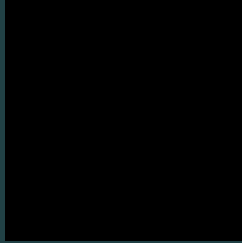
Any Text WCAG AA × Fail

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 214145 Background



This preview shows how black text looks on a background with the Hex color 214145.

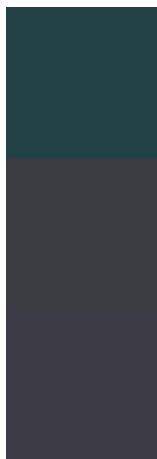


This preview shows how white text looks on a background with the Hex color 214145.

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](#).

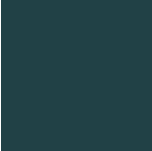
Dichromacy



Original Color
214145

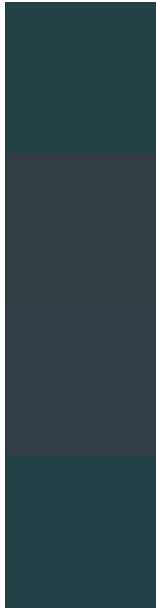
Protanopia
3B3C42

Deuteranopia
3D3B46



Tritanopia
214146

Trichromacy



Original Color
214145

Protanomaly
323E43

Deuteranomaly
333D46

Tritanomaly
214146

Monochromacy



Original Color
214145

Achromatopsia
383838

Achromatomaly
303B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 214145 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 #214145 looks like.

```
.text, #text, p{  
    color:#214145  
}
```

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 #214145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214145
}
```

Border

The CSS property to change the border of an element to Hex 214145 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
#214145 }
```

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

```
.border{ border-color:#214145 }
```

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

Here you see how a box with a 4 pixel #214145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214145; -webkit-box-shadow:4px 4px  
4px 4px #214145; box-shadow:4px 4px 4px  
4px #214145 }
```

Background

The CSS property to change the background color of an element to Hex 214145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214145 }
```

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

```
.background{ background-color:#214145 }
```

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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