

Converting Colors

Hex(214546)

Have a look what the booklet for
Hex(214546) contains.

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Color

Hex(214546)

Conversions

Conversions Part 1

Format	Color
Hex	214546
RGB	33, 69, 70
RGB Percent	13%, 27%, 27%
CMY	0.8706, 0.7294, 0.7255
CMYK	0.53, 0.01, 0.00, 0.73
HSL	182°, 36%, 20%
HSV	182°, 53%, 27%
XYZ	3.8608, 5.0218, 6.5602
YIQ	58.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

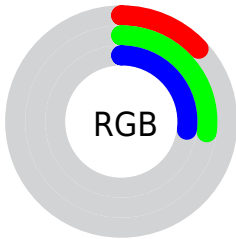
Format	Color
R _Y B	33, 51, 70
Decimal	2180422
CIE Lab	26.80, -12.59, -4.62
CIE LCh	27, 13.412, 200.142
Yxy	5.0218, 0.2500, 0.3252
Android (android.graphics.Color)	4280370502 (0xFF214546)
YUV	58.3500, 5.7435, -22.2319
Hunter-Lab	22.4093, -8.4632, -1.6702

Details

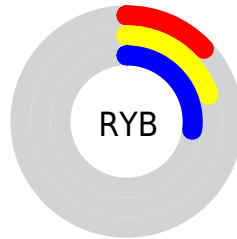
The Hex color **214546** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462221**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **517576**, and **001A1B** is the 20% darker color. If you saturate the color by 10%, you get **1A4546**, and if you desaturate by 10%, it is **284546**.

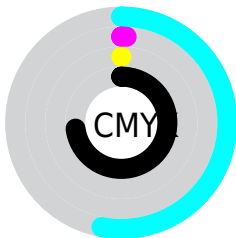
Distribution



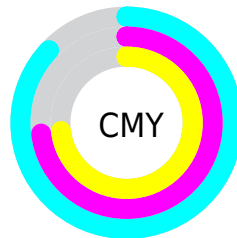
- Red (13%)
- Green (27%)
- Blue (27%)



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



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 214546 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 214546 by changing the saturation by 10% instead.

■ 214546

■ 214546

FFFFFF

■ 082F30

■ 517576

■ 001A1B

■ 6A8F90

■ 000000

■ 84AAAA

■ 9EC5C6

■ B9E1E2

■ D5FDFF

■ F2FFFF

■ 214546

■ 214546

■ 1A4546

■ 284546

■ 134546

■ 2F4546

■ 0C4446

■ 364646

■ 054446

■ 3D4646

■ 004446

■ 444646

■ 4B4646

■ 524646

■ 594746

■ 604746

Harmonies

Analogous

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



29453B



214546



23444F

Triad

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



214546



493A4D



4A3E2B

Complementary

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



214546



462221

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.



513A30



214546



513843

Square

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



214546



3C3E52



543839



40412C

Rectangle

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



214546



294252



543839



4D3C2C

Sweetspot

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



214546



4D5B5C



214622



252E2E



ADADAD



2E2E2E

Same Dimension

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



214546



225A5C



213346



202424



006163



00DDE3

Inverse Universe

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



462145



5C225A



463421



242024



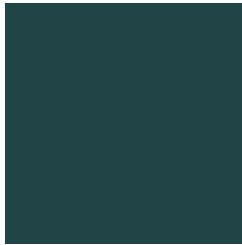
630061



E300DD

Previews

White Background



This preview shows how the Hex color 214546 looks on a white background.

Color Contrast Check

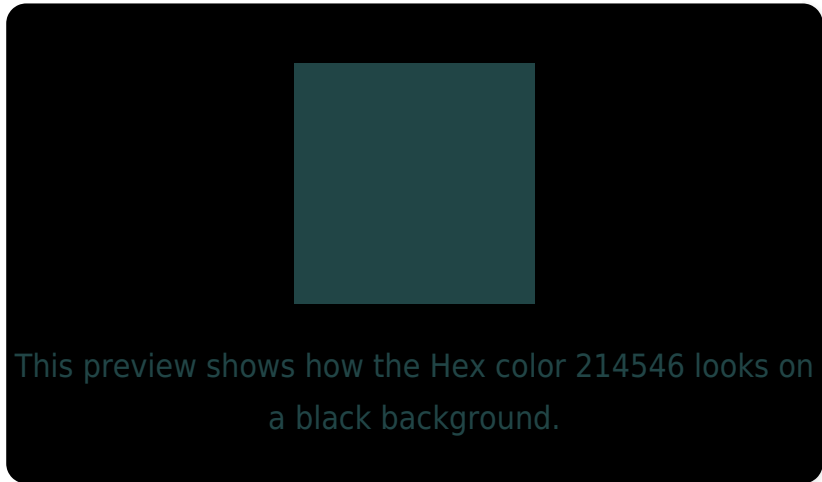
Large Text (above 18pt) WCAG AA ✓ Pass

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

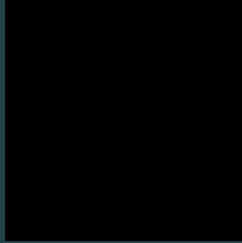
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

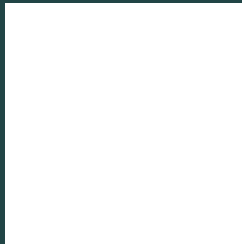
Any Text WCAG AAA × Fail

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

Hex 214546 Background



This preview shows how black text looks on a background with the Hex color 214546.



This preview shows how white text looks on a background with the Hex color 214546.

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](#).

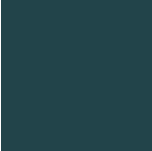
Dichromacy



Original Color
214546

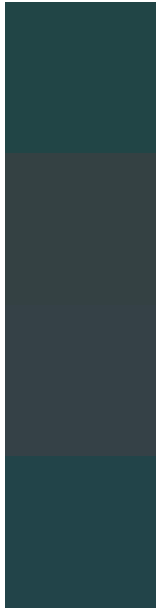
Protanopia
3F3F42

Deuteranopia
413E48



Tritanopia
22444A

Trichromacy



Original Color
214546

Protanomaly
344143

Deuteranomaly
354147

Tritanomaly
224449

Monochromacy



Original Color
214546

Achromatopsia
3A3A3A

Achromatomaly
313E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 214546 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 #214546 looks like.

```
.text, #text, p{  
    color:#214546  
}
```

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 #214546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214546
}
```

Border

The CSS property to change the border of an element to Hex 214546 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".

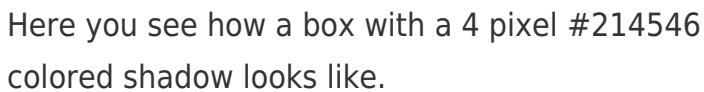
```
.border, #border, table{ border:4px solid
#214546 }
```

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

```
.border{ border-color:#214546 }
```

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

Here you see how a box with a 4 pixel #214546 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214546; -webkit-box-shadow:4px 4px  
4px 4px #214546; box-shadow:4px 4px 4px  
4px #214546 }
```

Background

The CSS property to change the background color of an element to Hex 214546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214546 }
```

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

```
.background{ background-color:#214546 }
```

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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