

Converting Colors

Hex(214548)

Have a look what the booklet for
Hex(214548) contains.

Hex(214548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(214548)

Conversions

Conversions Part 1

Format	Color
Hex	214548
RGB	33, 69, 72
RGB Percent	13%, 27%, 28%
CMY	0.8706, 0.7294, 0.7176
CMYK	0.54, 0.04, 0.00, 0.72
HSL	185°, 37%, 21%
HSV	185°, 54%, 28%
XYZ	3.9250, 5.0475, 6.8983
YIQ	58.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

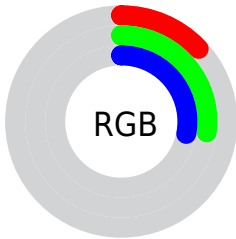
Format	Color
R_{YB}	33, 52, 72
Decimal	2180424
CIE Lab	26.87, -11.96, -5.82
CIE LCh	27, 13.298, 205.941
Yxy	5.0475, 0.2473, 0.3180
Android (android.graphics.Color)	4280370504 (0xFF214548)
YUV	58.5780, 6.6170, -22.4319
Hunter-Lab	22.4665, -8.1316, -2.4782

Details

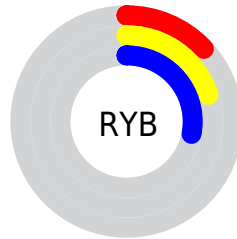
The Hex color **214548** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **482421**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **517578**, and **001A1D** is the 20% darker color. If you saturate the color by 10%, you get **1A4448**, and if you desaturate by 10%, it is **284648**.

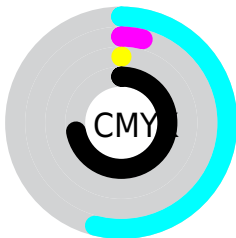
Distribution



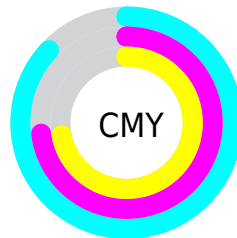
- Red (13%)
- Green (27%)
- Blue (28%)



- Red (13%)
- Yellow (20%)
- Blue (28%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (72%)



- Cyan (87%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214548 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 214548 by changing the saturation by 10% instead.

■ 214548

■ 214548

FFFFFF

■ 072F32

■ 517578

■ 001A1D

■ 6A8F92

■ 000001

■ 84A9AD

■ 000000

■ 9EC5C8

■ BAE1E4

■ D6FDFF

■ F2FFFF

■ 214548

■ 214548

■ 1A4448

■ 284648

■ 134448

■ 2F4648

■ 0B4348

■ 374748

■ 044348

■ 3E4748

■ 004248

■ 454848

■ 4C4848

■ 534948

■ 5B4948

■ 624A48

Harmonies

Analogous

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



27453E



214548



254450

Triad

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



214548



4B3A4B



483E2B

Complementary

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



214548



482421

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.



503B2F



214548



523841

Square

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



214548



3F3D52



543937



3E422D

Rectangle

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



214548



2C4253



543937



4B3D2C

Sweetspot

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



214548



4F5D5E



214824



273030



B0B0B0



303030

Same Dimension

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



214548



215A5E



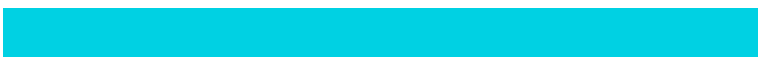
213248



202324



005C63



00D1E3

Inverse Universe

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



482145



5E215A



483721



242023



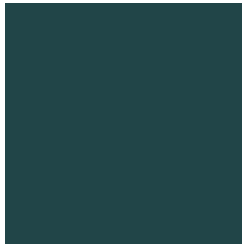
63005C



E300D1

Previews

White Background



This preview shows how the Hex color 214548 looks on a white background.

Color Contrast Check

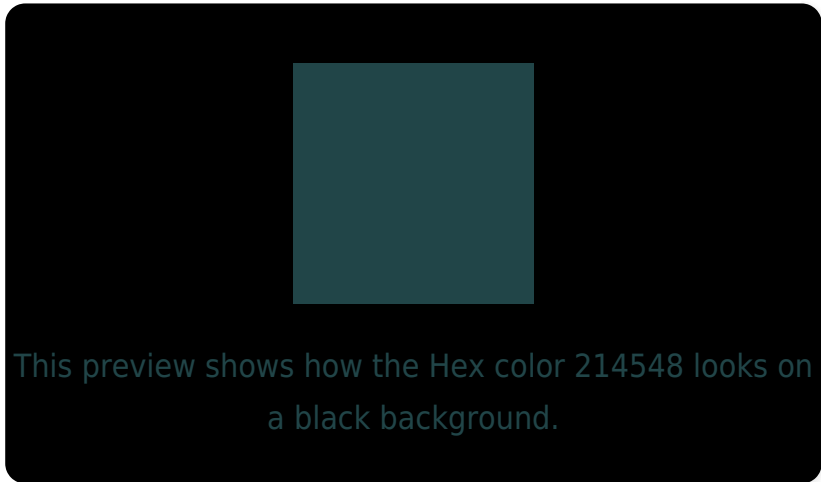
Large Text (above 18pt) WCAG AA ✓ Pass

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

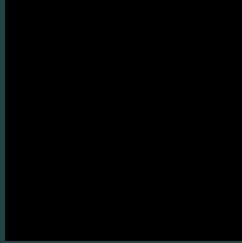
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

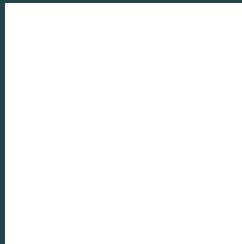
Any Text WCAG AAA × Fail

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

Hex 214548 Background



This preview shows how black text looks on a background with the Hex color 214548.



This preview shows how white text looks on a background with the Hex color 214548.

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](#).

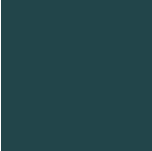
Dichromacy



Original Color
214548

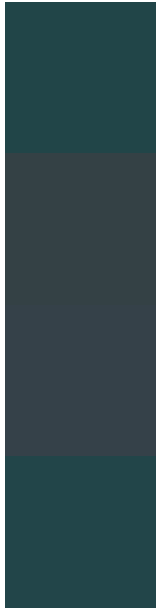
Protanopia
3F3F44

Deuteranopia
413E4A



Tritanopia
22454A

Trichromacy



Original Color
214548

Protanomaly
344145

Deuteranomaly
354149

Tritanomaly
224549

Monochromacy



Original Color
214548

Achromatopsia
3B3B3B

Achromatomaly
323F40

CSS Examples

Text

The CSS property to change the color of the text to Hex 214548 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 #214548 looks like.

```
.text, #text, p{  
    color:#214548  
}
```

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 #214548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214548
}
```

Border

The CSS property to change the border of an element to Hex 214548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

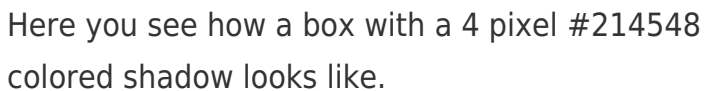
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#214548 }
```

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

```
.border{ border-color:#214548 }
```

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



Here you see how a box with a 4 pixel #214548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214548; -webkit-box-shadow:4px 4px  
4px 4px #214548; box-shadow:4px 4px 4px  
4px #214548 }
```

Background

The CSS property to change the background color of an element to Hex 214548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214548 }
```

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

```
.background{ background-color:#214548 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor