

Converting Colors

Hex(214541)

Have a look what the booklet for
Hex(214541) contains.

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Color

Hex(214541)

Conversions

Conversions Part 1

Format	Color
Hex	214541
RGB	33, 69, 65
RGB Percent	13%, 27%, 25%
CMY	0.8706, 0.7294, 0.7451
CMYK	0.52, 0.00, 0.06, 0.73
HSL	173°, 35%, 20%
HSV	173°, 52%, 27%
XYZ	3.7095, 4.9612, 5.7631
YIQ	57.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

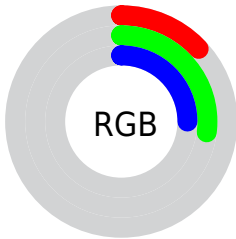
Format	Color
R_{YB}	33, 52, 69
Decimal	2180417
CIE Lab	26.62, -14.12, -1.60
CIE LCh	27, 14.214, 186.474
Yxy	4.9612, 0.2570, 0.3437
Android (android.graphics.Color)	4280370497 (0xFF214541)
YUV	57.7800, 3.5595, -21.7321
Hunter-Lab	22.2738, -9.2520, 0.2510

Details

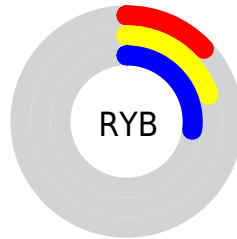
The Hex color **214541** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **452125**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **517571**, and **001B17** is the 20% darker color. If you saturate the color by 10%, you get **1A4540**, and if you desaturate by 10%, it is **284542**.

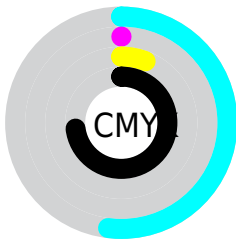
Distribution



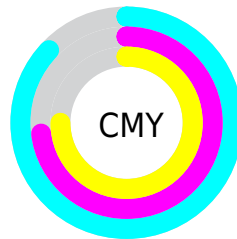
- Red (13%)
- Green (27%)
- Blue (25%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 214541 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 214541 by changing the saturation by 10% instead.

■ 214541

■ 214541

FFFFFF

■ 082F2B

■ 517571

■ 001B17

■ 698F8A

■ 000000

■ 83AAA4

■ 9EC5C0

■ B9E1DB

■ D5FEF8

■ F1FFFF

■ 214541

■ 214541

■ 1A4540

■ 284542

■ 13453F

■ 2F4543

■ 0C453F

■ 364543

■ 05453E

■ 3D4544

■ 00453D

■ 444545

■ 4A4546

■ 514546

■ 584547

■ 5F4548

Harmonies

Analogous

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



2C4436



214541



1D444B

Triad

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



214541



443B50



4E3B2B

Complementary

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



214541



452125

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.



543833



214541



4F3848

Square

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



214541



343F54



54373D



443F29

Rectangle

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



214541



224351



54373D



503A2D

Sweetspot

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



214541



4B5958



254521



252E2D



ADADAD



2E2E2E

Same Dimension

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



214541



215953



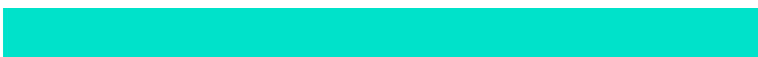
213745



202423



006358



00E3CA

Inverse Universe

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



452125



592127



452F21



242021



63000B



E30019

Previews

White Background



This preview shows how the Hex color 214541 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

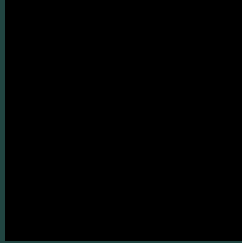
Any Text WCAG AA × Fail

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 214541 Background



This preview shows how black text looks on a background with the Hex color 214541.



This preview shows how white text looks on a background with the Hex color 214541.

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
214541

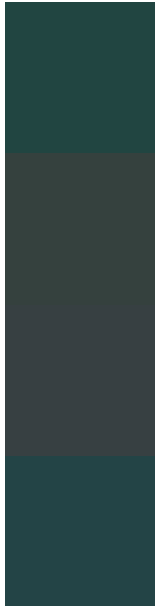
Protanopia
403F3D

Deuteranopia
433D43



Tritanopia
244449

Trichromacy



Original Color
214541

Protanomaly
35413E

Deuteranomaly
374042

Tritanomaly
234446

Monochromacy



Original Color
214541

Achromatopsia
3A3A3A

Achromatomaly
313E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 214541 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 #214541 looks like.

```
.text, #text, p{  
    color:#214541  
}
```

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 #214541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214541
}
```

Border

The CSS property to change the border of an element to Hex 214541 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".

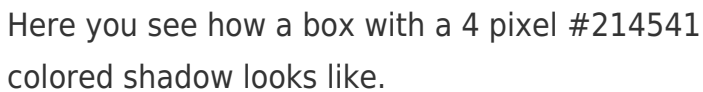
```
.border, #border, table{ border:4px solid
#214541 }
```

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

```
.border{ border-color:#214541 }
```

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

Here you see how a box with a 4 pixel #214541 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 and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214541; -webkit-box-shadow:4px 4px  
4px 4px #214541; box-shadow:4px 4px 4px  
4px #214541 }
```

Background

The CSS property to change the background color of an element to Hex 214541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214541 }
```

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

```
.background{ background-color:#214541 }
```

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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