

Converting Colors

Hex(214355)

Have a look what the booklet for
Hex(214355) contains.

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Color

Hex(214355)

Conversions

Conversions Part 1

Format	Color
Hex	214355
RGB	33, 67, 85
RGB Percent	13%, 26%, 33%
CMY	0.8706, 0.7373, 0.6667
CMYK	0.61, 0.21, 0.00, 0.67
HSL	201°, 44%, 23%
HSV	201°, 61%, 33%
XYZ	4.2740, 4.9935, 9.3329
YIQ	58.8860, -26.0420, -1.6100

Conversions

Conversions Part 2

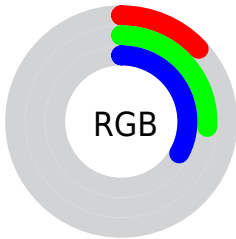
Format	Color
RYB	33, 54, 85
Decimal	2179925
CIELab	26.72, -6.32, -14.53
CIELCh	27, 15.848, 246.499
Yxy	4.9935, 0.2298, 0.2685
Android (android.graphics.Color)	4280370005 (0xFF214355)
YUV	58.8860, 12.8742, -22.7020
Hunter-Lab	22.3462, -4.9650, -9.1202

Details

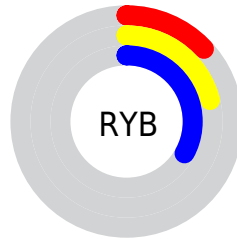
The Hex color **214355** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **553321**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **527387**, and **001928** is the 20% darker color. If you saturate the color by 10%, you get **194055**, and if you desaturate by 10%, it is **294655**.

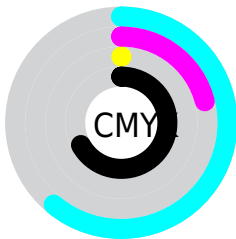
Distribution



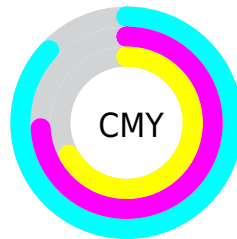
- Red (13%)
- Green (26%)
- Blue (33%)



- Red (13%)
- Yellow (21%)
- Blue (33%)



- Cyan (61%)
- Magenta (21%)
- Yellow (0%)
- Black (67%)



- Cyan (87%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214355 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 214355 by changing the saturation by 10% instead.

■ 214355

■ 214355

FFFFFF

■ 052D3E

■ 527387

■ 001928

■ 6C8CA1

■ 000113

■ 86A7BC

■ 000000

■ A1C2D8

■ BCDEF4

■ D8FAFF

■ F5FFFF

■ 214355

■ 214355

■ 194055

■ 294655

■ 103D55

■ 324955

■ 083A55

■ 3A4C55

■ 003855

■ 434F55

■ 4B5255

■ 545555

■ 5D5855

■ 655B55

■ 6D5D55

Harmonies

Analogous

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



17454D



214355



333F57

Triad

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



214355



57363D



38432B

Complementary

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



214355



553321

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.



453F27



214355



563831

Square

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



214355



513749



503B29



2A4535

Rectangle

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



214355



3F3D55



503B29



3C4229

Sweetspot

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



214355



5A676E



215532



2C3438



B8B8B8



383838

Same Dimension

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



214355



1E526E



212A55



272A2B



00466B



0099EB

Inverse Universe

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



552143



6E1E52



554C21



2B272A



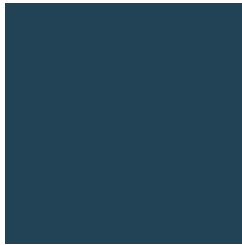
6B0046



EB0099

Previews

White Background



This preview shows how the Hex color 214355 looks on a white background.

Color Contrast Check

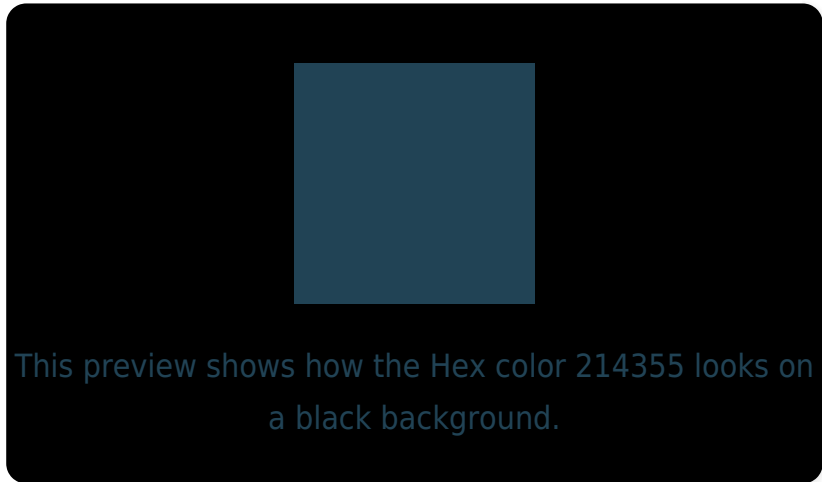
Large Text (above 18pt) WCAG AA ✓ Pass

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

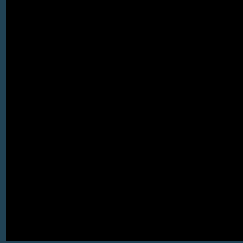
Any Text WCAG AA × Fail

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 214355 Background



This preview shows how black text looks on a background with the Hex color 214355.



This preview shows how white text looks on a background with the Hex color 214355.

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](#).

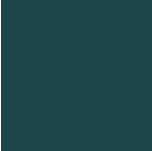
Dichromacy



Original Color
214355

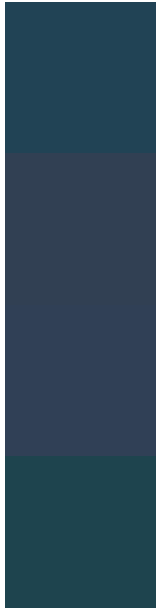
Protanopia
3A3E52

Deuteranopia
383E56



Tritanopia
1C454A

Trichromacy



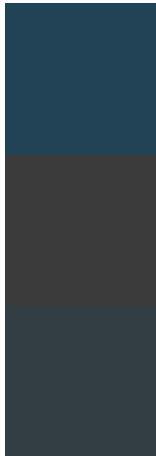
Original Color
214355

Protanomaly
314053

Deuteranomaly
304056

Tritanomaly
1E444E

Monochromacy



Original Color
214355

Achromatopsia
3B3B3B

Achromatomaly
323E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 214355 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 #214355 looks like.

```
.text, #text, p{  
    color:#214355  
}
```

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 #214355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214355
}
```

Border

The CSS property to change the border of an element to Hex 214355 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
#214355 }
```

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

```
.border{ border-color:#214355 }
```

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

Here you see how a box with a 4 pixel #214355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214355; -webkit-box-shadow:4px 4px  
4px 4px #214355; box-shadow:4px 4px 4px  
4px #214355 }
```

Background

The CSS property to change the background color of an element to Hex 214355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214355 }
```

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

```
.background{ background-color:#214355 }
```

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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