

# Converting Colors

Hex(215443)

Have a look what the booklet for  
Hex(215443) contains.

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# Color

**Hex(215443)**

# Conversions

Conversions Part 1	
Format	Color
Hex	215443
RGB	33, 84, 67
RGB Percent	13%, 33%, 26%
CMY	0.8706, 0.6706, 0.7373
CMYK	0.61, 0.00, 0.20, 0.67
HSL	160°, 44%, 23%
HSV	160°, 61%, 33%
XYZ	4.8106, 7.0692, 6.4211
YIQ	66.8130, -24.9390, -16.0990

# Conversions

## Conversions Part 2

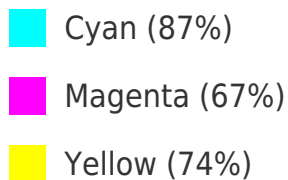
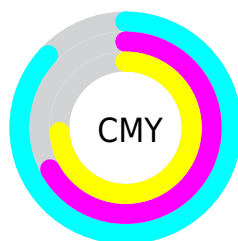
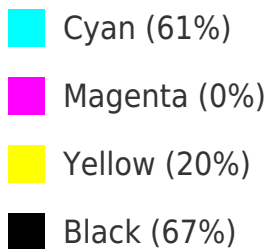
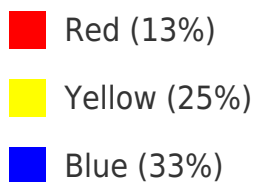
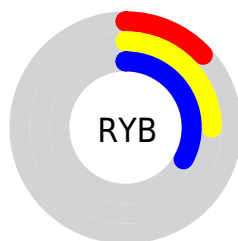
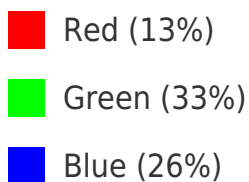
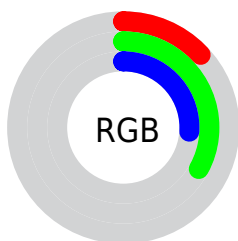
Format	Color
<a href="#">RYB</a>	<a href="#">33, 64, 84</a>
Decimal	<a href="#">2184259</a>
CIELab	<a href="#">31.96, -21.79, 4.85</a>
CIELCh	<a href="#">32, 22.323, 167.455</a>
Yxy	<a href="#">7.0692, 0.2629, 0.3863</a>
Android (android.graphics.Color)	<a href="#">4280374339</a> (0xFF215443)
YUV	<a href="#">66.8130, 0.0922, -29.6540</a>
Hunter-Lab	<a href="#">26.5880, -14.2325, 4.2928</a>

# Details

The Hex color **215443** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **542132**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **538673**, and **002618** is the 20% darker color. If you saturate the color by 10%, you get **195440**, and if you desaturate by 10%, it is **295446**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Hex color 215443 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 215443 by changing the saturation by 10% instead.



 215443

 215443

FFFFFF

 043D2D

 538673

 002618

 6CA08C

 000D00

 86BBA7


 000000


 A1D7C2

 BDF4DE

 D9FFFA

 F6FFFF

 215443

 215443

 195440

 295446

 10543D

 325449

 08543B

 3A544B

 005438

 43544E

 4B5451

 535454

 5C5457

 645459

 6D545C

# Harmonies

## Analogous

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



385233



215443



005455

# Triad

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



215443



42496D



694232

# Complementary

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



215443



542132

# 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.



6D3E42



215443



5A4363

# Square

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



215443



234F6D



693E53



5D4829

# Rectangle

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



215443



005460



693E53



6B4037



# Sweetspot

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



215443



5A6E67



325421



2C3834



B8B8B8



383838



# Same Dimension

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



215443



1E6E53



214B54



252927



006946



00E89B



# Inverse Universe

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



542132



6E1E38



542921



292526



690023



E8004D



# Previews

## White Background



This preview shows how the Hex color 215443 looks on a white background.

## Color Contrast Check

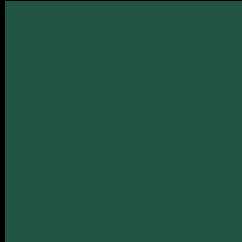
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 215443 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

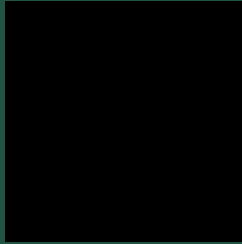
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 215443 Background



This preview shows how black text looks on a background with the Hex color 215443.

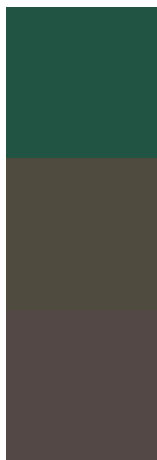


This preview shows how white text looks on a background with the Hex color 215443.

# 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**

215443

**Protanopia**

4F4B3E

**Deuteranopia**

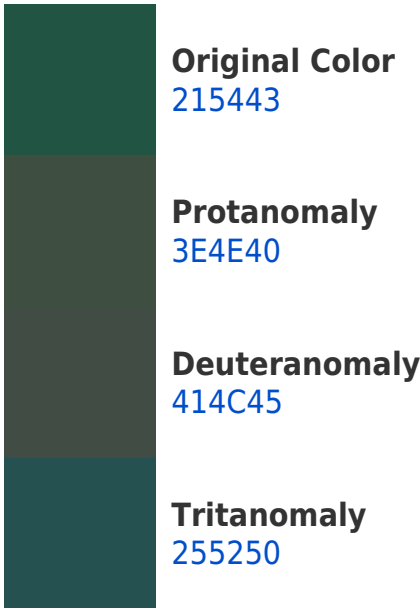
544846



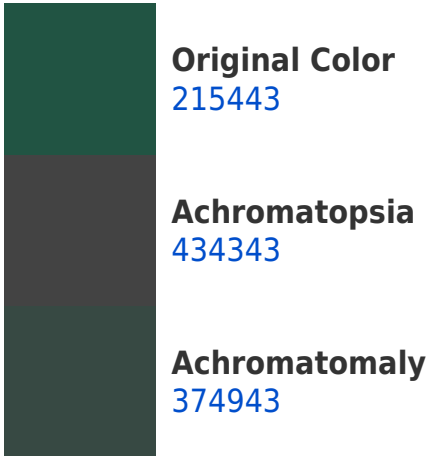
# Tritanopia

285158

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 215443 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 #215443 looks like.

```
.text, #text, p{  
    color:#215443  
}
```

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 #215443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215443
}
```

## Border

The CSS property to change the border of an element to Hex 215443 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
#215443 }
```

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

```
.border{ border-color:#215443 }
```

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

Here you see how a box with a 4 pixel #215443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215443; -webkit-box-shadow:4px 4px  
4px 4px #215443; box-shadow:4px 4px 4px  
4px #215443 }
```

# Background

The CSS property to change the background color of an element to Hex 215443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215443 }
```

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

```
.background{ background-color:#215443 }
```

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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