

Converting Colors

Hex(215433)

Have a look what the booklet for
Hex(215433) contains.

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Color

Hex(215433)

Conversions

Conversions Part 1

Format	Color
Hex	215433
RGB	33, 84, 51
RGB Percent	13%, 33%, 20%
CMY	0.8706, 0.6706, 0.8000
CMYK	0.61, 0.00, 0.39, 0.67
HSL	141°, 44%, 23%
HSV	141°, 61%, 33%
XYZ	4.3951, 6.9030, 4.2327
YIQ	64.9890, -19.8030, -21.0750

Conversions

Conversions Part 2

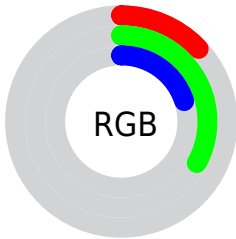
Format	Color
R_{YB}	33, 71, 84
Decimal	2184243
CIE _{Lab}	31.59, -25.64, 14.29
CIE _{LCh}	32, 29.357, 150.867
Yxy	6.9030, 0.2830, 0.4445
Android (android.graphics.Color)	4280374323 (0xFF215433)
YUV	64.9890, -6.8966, -28.0544
Hunter-Lab	26.2736, -16.1191, 8.8397

Details

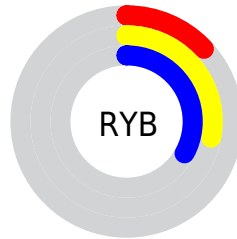
The Hex color **215433** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **542142**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **538662**, and **002606** is the 20% darker color. If you saturate the color by 10%, you get **19542E**, and if you desaturate by 10%, it is **295438**.

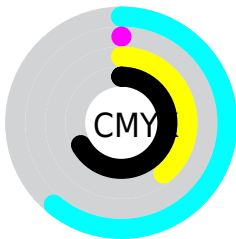
Distribution



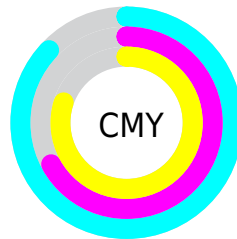
- Red (13%)
- Green (33%)
- Blue (20%)



- Red (13%)
- Yellow (28%)
- Blue (33%)



- Cyan (61%)
- Magenta (0%)
- Yellow (39%)
- Black (67%)





- Cyan (87%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215433 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 215433 by changing the saturation by 10% instead.

 215433

 215433

FFFFFF

 053C1E

 538662

 002606

 6CA17B

 000B00

 86BC94


 000000


 A1D8AF

 BCF4CB

 D8FFE7

 F5FFFF

 215433

 215433

■ 19542E

■ 295438

■ 105428

■ 32543E

■ 085423

■ 3A5443

■ 00541E

■ 435449

■ 4B544E

■ 535454

■ 5C5459

■ 64545E

■ 6D5464

Harmonies

Analogous

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



405021



215433



00564A

Triad

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



215433



204D78



743934

Complementary

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



215433



542142

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.



74374B



215433



4C4472

Square

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



215433



005272



673B61



694122

Rectangle

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



215433



00565A



673B61



75383B

Sweetspot

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



215433



5A6E61



425421



2C3830



B8B8B8



383838

Same Dimension

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



215433



1E6E3A



21544C



252926



006925



00E852

Inverse Universe

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



542142



6E1E51



542129



292527



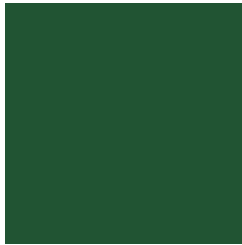
690044



E80096

Previews

White Background



This preview shows how the Hex color 215433 looks on a white background.

Color Contrast Check

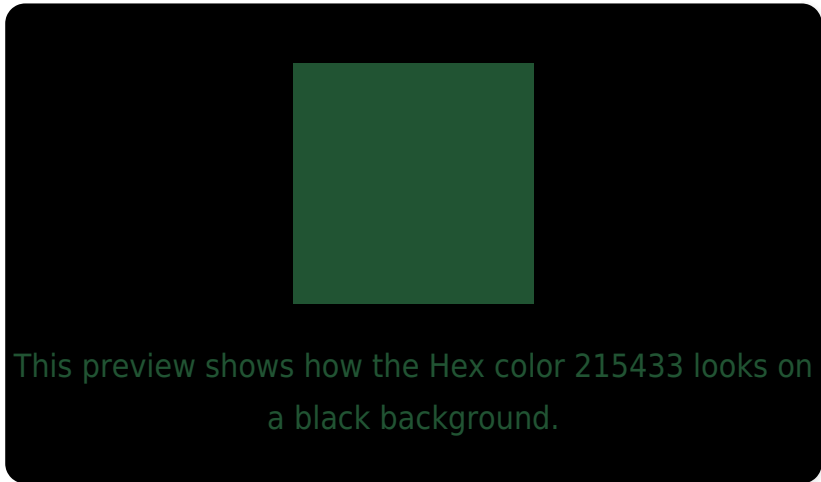
Large Text (above 18pt) WCAG AA ✓ Pass

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

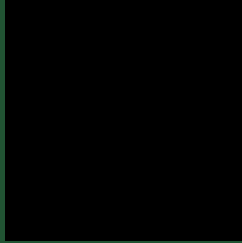
Any Text WCAG AA × Fail

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 215433 Background



This preview shows how black text looks on a background with the Hex color 215433.



This preview shows how white text looks on a background with the Hex color 215433.

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
215433

Protanopia
514A2F

Deuteranopia
584736



Tritanopia
2B5056

Trichromacy



Original Color
215433

Protanomaly
404E30

Deuteranomaly
444C35

Tritanomaly
275149

Monochromacy



Original Color
215433

Achromatopsia
414141

Achromatomaly
35483C

CSS Examples

Text

The CSS property to change the color of the text to Hex 215433 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 #215433 looks like.

```
.text, #text, p{  
    color:#215433  
}
```

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 #215433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215433
}
```

Border

The CSS property to change the border of an element to Hex 215433 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
#215433 }
```

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

```
.border{ border-color:#215433 }
```

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

Here you see how a box with a 4 pixel #215433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215433; -webkit-box-shadow:4px 4px  
4px 4px #215433; box-shadow:4px 4px 4px  
4px #215433 }
```

Background

The CSS property to change the background color of an element to Hex 215433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215433 }
```

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

```
.background{ background-color:#215433 }
```

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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