

Converting Colors

Hex(216554)

Have a look what the booklet for
Hex(216554) contains.

Hex(216554)	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(216554)

Conversions

Conversions Part 1

Format	Color
Hex	216554
RGB	33, 101, 84
RGB Percent	13%, 40%, 33%
CMY	0.8706, 0.6039, 0.6706
CMYK	0.67, 0.00, 0.17, 0.60
HSL	165°, 51%, 26%
HSV	165°, 67%, 40%
XYZ	6.8811, 10.2708, 10.0073
YIQ	78.7300, -35.0710, -19.7030

Conversions

Conversions Part 2

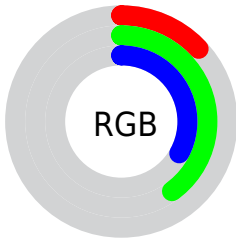
Format	Color
RYB	33, 72, 101
Decimal	2188628
CIELab	38.32, -25.77, 3.40
CIElCh	38, 25.990, 172.472
Yxy	10.2708, 0.2534, 0.3782
Android (android.graphics.Color)	4280378708 (0xFF216554)
YUV	78.7300, 2.5981, -40.1052
Hunter-Lab	32.0481, -17.7580, 3.9198

Details

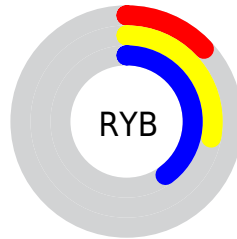
The Hex color **216554** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **652132**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **569885**, and **003527** is the 20% darker color. If you saturate the color by 10%, you get **176551**, and if you desaturate by 10%, it is **2B6557**.

Distribution



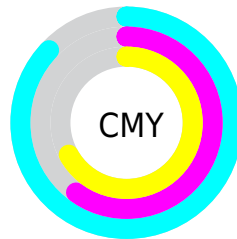
- Red (13%)
- Green (40%)
- Blue (33%)



- Red (13%)
- Yellow (28%)
- Blue (40%)



- Cyan (67%)
- Magenta (0%)
- Yellow (17%)
- Black (60%)





- Cyan (87%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216554 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 216554 by changing the saturation by 10% instead.

 216554

 216554

FFFFFF

 004D3D

 569885

 003527

 71B3A0

 002113

 8CCFBB

 000000

 A7EBD6

 C3FFF3

 DFFFFF

 FDFFFF

 216554

 216554

■ 176551

■ 2B6557

■ 0D654F

■ 356559

■ 03654C

■ 3F655C

■ 00654C

■ 49655E

■ 546561

■ 5E6563

■ 686566

■ 726568

■ 7C656B

Harmonies

Analogous

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



3F6340



216554



00656A

Triad

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



216554



555781



7C503A

Complementary

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



216554



652132

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.



834A4B



216554



704F74

Square

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



216554



305E84



7F4A60



6C5730

Rectangle

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



216554



006476



7F4A60



7F4E3F

Sweetspot

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



216554



68827C



326521



32423E



C2C2C2



424242

Same Dimension

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



216554



198268



215465



2E3332



007356



00F2B6

Inverse Universe

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



652132



821933



653221



332E2F



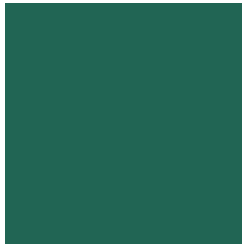
73001D



F2003D

Previews

White Background



This preview shows how the Hex color 216554 looks on a white background.

Color Contrast Check

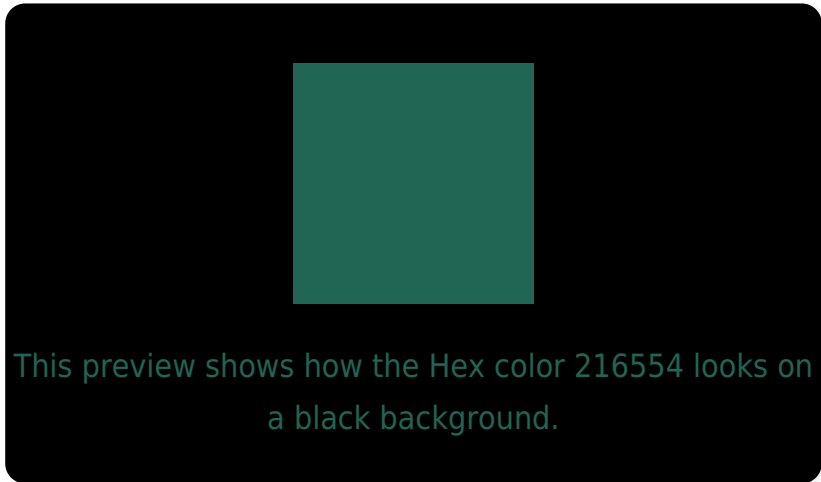
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

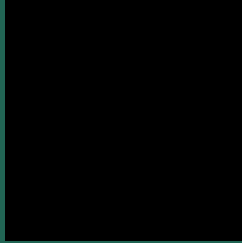
Any Text WCAG AA × Fail

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 216554 Background



This preview shows how black text looks on a background with the Hex color 216554.



This preview shows how white text looks on a background with the Hex color 216554.

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
216554

Protanopia
5E5A4E

Deuteranopia
635757



Tritanopia
2B626A

Trichromacy



Original Color
216554

Protanomaly
485E50

Deuteranomaly
4B5C56

Tritanomaly
276362

Monochromacy



Original Color
216554

Achromatopsia
4F4F4F

Achromatomaly
3E5751

CSS Examples

Text

The CSS property to change the color of the text to Hex 216554 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 #216554 looks like.

```
.text, #text, p{  
    color:#216554  
}
```

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 #216554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216554
}
```

Border

The CSS property to change the border of an element to Hex 216554 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
#216554 }
```

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

```
.border{ border-color:#216554 }
```

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

Here you see how a box with a 4 pixel #216554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216554; -webkit-box-shadow:4px 4px  
4px 4px #216554; box-shadow:4px 4px 4px  
4px #216554 }
```

Background

The CSS property to change the background color of an element to Hex 216554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216554 }
```

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

```
.background{ background-color:#216554 }
```

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