

Converting Colors

Hex(21A536)

Have a look what the booklet for
Hex(21A536) contains.

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Color

Hex(21A536)

Conversions

Conversions Part 1

Format	Color
Hex	21A536
RGB	33, 165, 54
RGB Percent	13%, 65%, 21%
CMY	0.8706, 0.3529, 0.7882
CMYK	0.80, 0.00, 0.67, 0.35
HSL	130°, 67%, 39%
HSV	130°, 80%, 65%
XYZ	14.7482, 27.4999, 8.0207
YIQ	112.8780, -43.0410, -62.5050

Conversions

Conversions Part 2

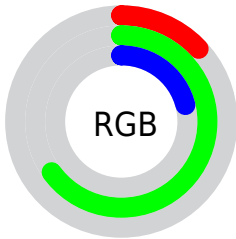
Format	Color
R_{YB}	33, 147, 165
Decimal	2204982
CIE _{Lab}	59.43, -56.47, 46.22
CIE _{LCh}	59, 72.971, 140.699
Yxy	27.4999, 0.2934, 0.5471
Android (android.graphics.Color)	4280395062 (0xFF21A536)
YUV	112.8780, -29.0269, -70.0530
Hunter-Lab	52.4404, -41.5698, 27.6399

Details

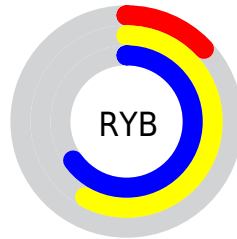
The Hex color **21A536** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A52190**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **66DD6A**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **10A528**, and if you desaturate by 10%, it is **32A544**.

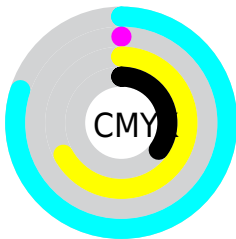
Distribution



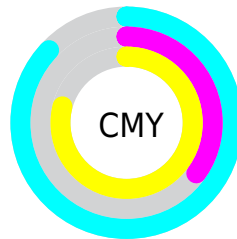
- Red (13%)
- Green (65%)
- Blue (21%)



- Red (13%)
- Yellow (58%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (67%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A536 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 21A536 by changing the saturation by 10% instead.

 21A536

 21A536

FFFFFF

 008A1B

 66DD6A

 007000

 84FA84

 005600

 A1FF9F

 003D00

 BFFFBB

 002600

 DDFFD7

 000000

 FBFFF4

 21A536

 21A536

 10A528

 32A544

■ 00A51A

■ 42A552

■ 52A560

■ 63A56E

■ 73A57B

■ 84A589

■ 94A597

■ A5A5A5

■ B6A5B3

Harmonies

Analogous

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



829900



21A536



00AB78

Triad

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



21A536



009DFF



FF4D66

Complementary

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



21A536



A52190

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.



F74BA6



21A536



5E87FF

Square

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



21A536



00A8F2



C868E1



E9692A

Rectangle

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



21A536



00ACA5



C868E1



FF487B

Sweetspot

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



21A536



A3D6AB



91A521



4C6B51



EBEBEB



6B6B6B

Same Dimension

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



21A536



09D629



21A577



49524B



009117



001203

Inverse Universe

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



A52190



D609B5



A5214F



524950



91007A



12000F

Previews

White Background



This preview shows how the Hex color 21A536 looks on a white background.

Color Contrast Check

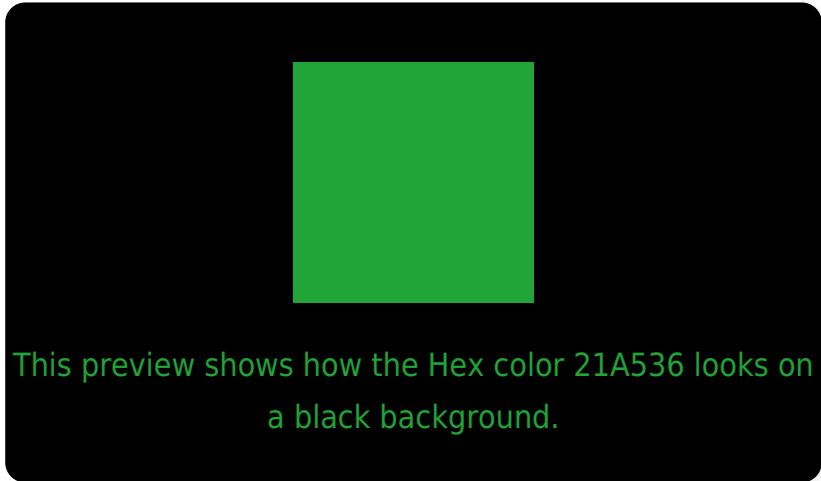
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 21A536 Background



This preview shows how black text looks on a background with the Hex color 21A536.



This preview shows how white text looks on a background with the Hex color 21A536.

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
21A536

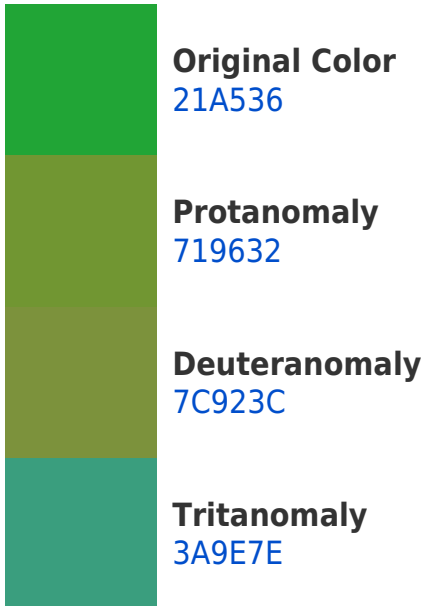
Protanopia
9F8E30

Deuteranopia
B08740

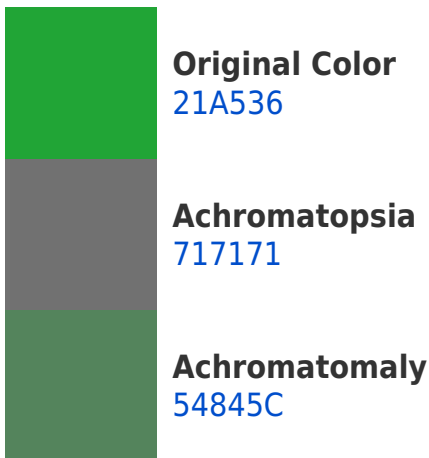


Tritanopia
499AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21A536 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 #21A536 looks like.

```
.text, #text, p{  
    color:#21A536  
}
```

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 #21A536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A536
}
```

Border

The CSS property to change the border of an element to Hex 21A536 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
#21A536 }
```

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

```
.border{ border-color:#21A536 }
```

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

Here you see how a box with a 4 pixel #21A536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A536; -webkit-box-shadow:4px 4px  
4px 4px #21A536; box-shadow:4px 4px 4px  
4px #21A536 }
```

Background

The CSS property to change the background color of an element to Hex 21A536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A536 }
```

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

```
.background{ background-color:#21A536 }
```

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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