

Converting Colors

Hex(218531)

Have a look what the booklet for
Hex(218531) contains.

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Color

Hex(218531)

Conversions

Conversions Part 1

Format	Color
Hex	218531
RGB	33, 133, 49
RGB Percent	13%, 52%, 19%
CMY	0.8706, 0.4784, 0.8078
CMYK	0.75, 0.00, 0.63, 0.48
HSL	130°, 60%, 33%
HSV	130°, 75%, 52%
XYZ	9.5691, 17.3201, 5.7445
YIQ	93.5240, -32.6360, -47.3240

Conversions

Conversions Part 2

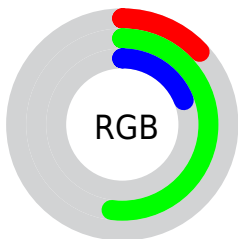
Format	Color
RYB	33, 119, 133
Decimal	2196785
CIELab	48.66, -46.11, 36.47
CIELCh	49, 58.790, 141.655
Yxy	17.3201, 0.2932, 0.5307
Android (android.graphics.Color)	4280386865 (0xFF218531)
YUV	93.5240, -21.9503, -53.0795
Hunter-Lab	41.6175, -31.7881, 20.9484

Details

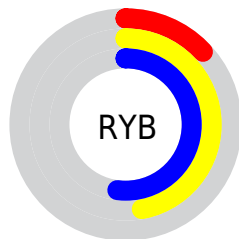
The Hex color **218531** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **852175**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5EBB62**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **148526**, and if you desaturate by 10%, it is **2E853C**.

Distribution



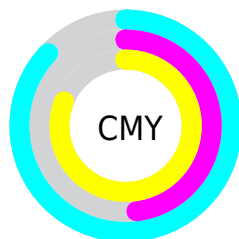
- Red (13%)
- Green (52%)
- Blue (19%)



- Red (13%)
- Yellow (47%)
- Blue (52%)



- Cyan (75%)
- Magenta (0%)
- Yellow (63%)
- Black (48%)



- Cyan (87%)
- Magenta (48%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218531 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 218531 by changing the saturation by 10% instead.

 218531

 218531

FFFFFF

 006B18

 5EBB62

 005200

 7AD77C

 003A00

 96F497

 002400

 B3FFB2

 000000

 CFFFCE

 EDFFEA

 218531

 218531

 148526

 2E853C

06851B

3C8547

008515

498553

56855E

648569

718574

7E857F

8B858A

998596

Harmonies

Analogous

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



687C00



218531



008964

Triad

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



218531



007ED6



CB4352

Complementary

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



218531



852175

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.



C54184



218531



556CD1

Square

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



218531



0087C1



A155B2



B95725

Rectangle

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



218531



008A86



A155B2



CC3F62

Sweetspot

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



218531



86AD8C



768521



3E5742



D6D6D6



575757

Same Dimension

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



218531



11AD2A



218562



3C423D



008215



000300

Inverse Universe

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



852175



AD1194



852144



423C41



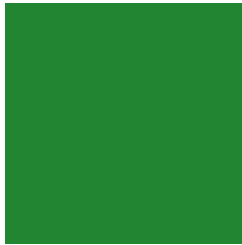
82006D



030002

Previews

White Background



This preview shows how the Hex color 218531 looks on a white background.

Color Contrast Check

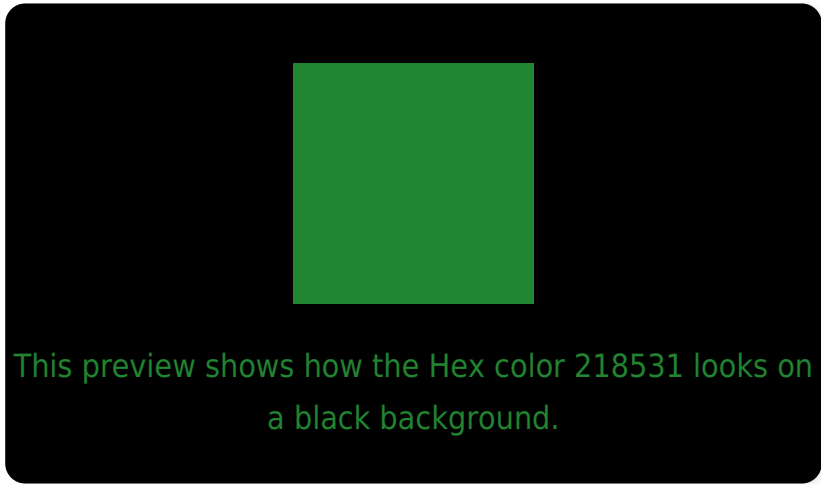
Large Text (above 18pt) WCAG AA ✓ Pass

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

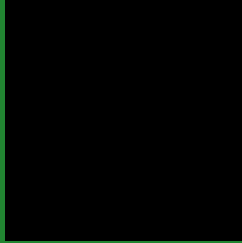
Any Text WCAG AA × Fail

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 218531 Background



This preview shows how black text looks on a background with the Hex color 218531.



This preview shows how white text looks on a background with the Hex color 218531.

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
218531

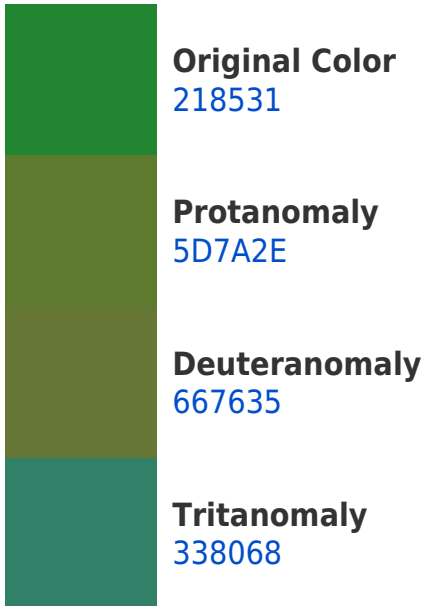
Protanopia
80732C

Deuteranopia
8E6D38



Tritanopia
3D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218531 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 #218531 looks like.

```
.text, #text, p{  
    color:#218531  
}
```

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 #218531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218531
}
```

Border

The CSS property to change the border of an element to Hex 218531 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
#218531 }
```

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

```
.border{ border-color:#218531 }
```

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

Here you see how a box with a 4 pixel #218531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218531; -webkit-box-shadow:4px 4px  
4px 4px #218531; box-shadow:4px 4px 4px  
4px #218531 }
```

Background

The CSS property to change the background color of an element to Hex 218531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218531 }
```

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

```
.background{ background-color:#218531 }
```

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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