

Converting Colors

Hex(27A538)

Have a look what the booklet for
Hex(27A538) contains.

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Color

Hex(27A538)

Conversions

Conversions Part 1

Format	Color
Hex	27A538
RGB	39, 165, 56
RGB Percent	15%, 65%, 22%
CMY	0.8471, 0.3529, 0.7804
CMYK	0.76, 0.00, 0.66, 0.35
HSL	128°, 62%, 40%
HSV	128°, 76%, 65%
XYZ	15.0056, 27.6271, 8.2831
YIQ	114.9000, -40.1070, -60.6110

Conversions

Conversions Part 2

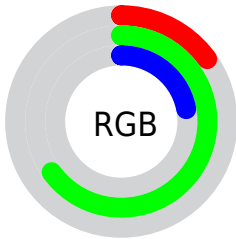
Format	Color
R_{YB}	39, 150, 165
Decimal	2598200
CIE _{Lab}	59.55, -55.41, 45.52
CIE _{LCh}	60, 71.709, 140.601
Yxy	27.6271, 0.2947, 0.5426
Android (android.graphics.Color)	4280788280 (0xFF27A538)
YUV	114.9000, -29.0377, -66.5643
Hunter-Lab	52.5615, -41.0232, 27.4497

Details

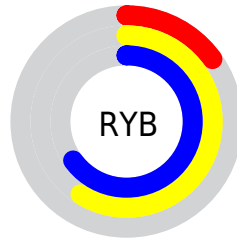
The Hex color **27A538** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A52794**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **69DD6C**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **16A52A**, and if you desaturate by 10%, it is **37A546**.

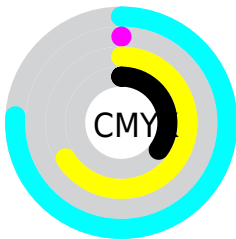
Distribution



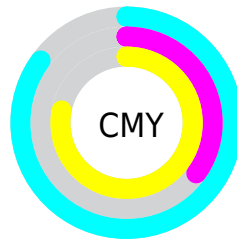
- Red (15%)
- Green (65%)
- Blue (22%)



- Red (15%)
- Yellow (59%)
- Blue (65%)



- Cyan (76%)
- Magenta (0%)
- Yellow (66%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A538 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 27A538 by changing the saturation by 10% instead.



27A538



27A538

FFFFFF



008A1D



69DD6C



007000



87FA86



005600



A4FFA1



003D00



C1FFBD



002700



DFFFD9



000000



FDFFD6



27A538



27A538



16A52A



37A546

 06A51B

 48A555

 00A516

 58A563

 69A571

 79A57F

 8AA58E

 9AA59C

 ABA5AA

 BBA5B8

Harmonies

Analogous

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



839900



27A538



00AB79

Triad

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



27A538



009DFF



FE4F67

Complementary

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



27A538



A52794

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.



F54EA6



27A538



6087FF

Square

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



27A538



00A8F0



C769E0



E86A2C

Rectangle

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



27A538



00ACA5



C769E0



FF4A7C

Sweetspot

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



27A538



A5D6AC



94A527



4D6B51



EBEBEB



6B6B6B

Same Dimension

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



27A538



11D62C



27A577



49524B



009114



001202

Inverse Universe

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



A52794



D611BC



A52755



524950



91007E



12000F

Previews

White Background



This preview shows how the Hex color 27A538 looks on a white background.

Color Contrast Check

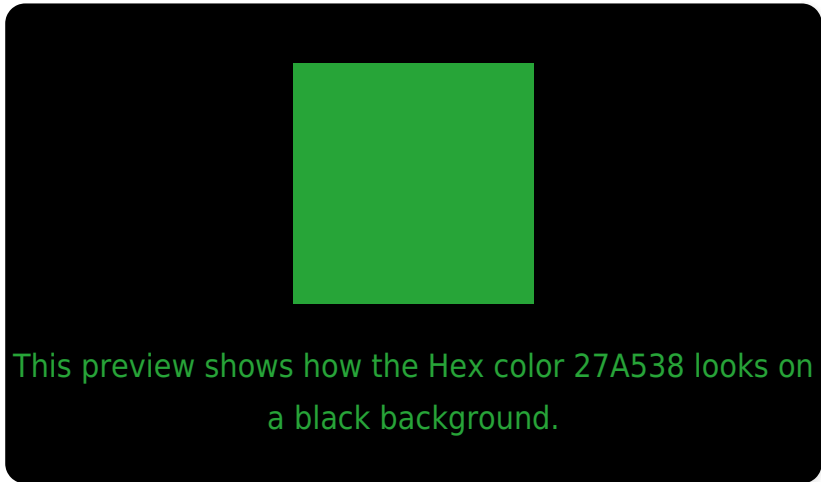
Large Text (above 18pt) WCAG AA ✓ Pass

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

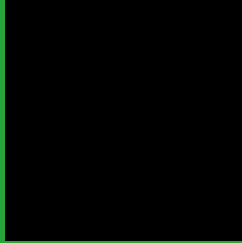
Any Text WCAG AA ✓ Pass

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 27A538 Background



This preview shows how black text looks on a background with the Hex color 27A538.



This preview shows how white text looks on a background with the Hex color 27A538.

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](#).

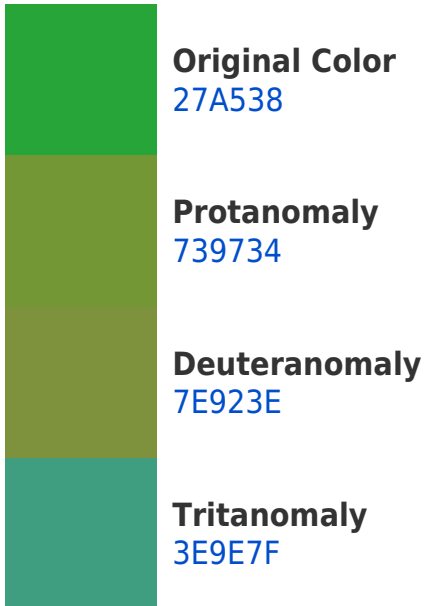
Dichromacy





Tritanopia
4B9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27A538 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 #27A538 looks like.

```
.text, #text, p{  
    color:#27A538  
}
```

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 #27A538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A538
}
```

Border

The CSS property to change the border of an element to Hex 27A538 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
#27A538 }
```

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

```
.border{ border-color:#27A538 }
```

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

Here you see how a box with a 4 pixel #27A538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A538; -webkit-box-shadow:4px 4px  
4px 4px #27A538; box-shadow:4px 4px 4px  
4px #27A538 }
```

Background

The CSS property to change the background color of an element to Hex 27A538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A538 }
```

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

```
.background{ background-color:#27A538 }
```

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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