

Converting Colors

Hex(228F27)

Have a look what the booklet for
Hex(228F27) contains.

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Color

Hex(228F27)

Conversions

Conversions Part 1

Format	Color
Hex	228F27
RGB	34, 143, 39
RGB Percent	13%, 56%, 15%
CMY	0.8667, 0.4392, 0.8471
CMYK	0.76, 0.00, 0.73, 0.44
HSL	123°, 62%, 35%
HSV	123°, 76%, 56%
XYZ	10.8484, 20.1315, 5.2335
YIQ	98.5530, -31.5800, -55.4520

Conversions

Conversions Part 2

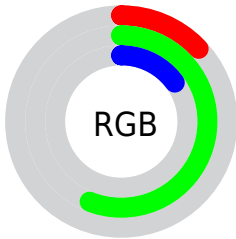
Format	Color
R_{YB}	34, 138, 143
Decimal	2264871
CIE _{Lab}	51.99, -50.50, 44.50
CIE _{LCh}	52, 67.311, 138.617
Yxy	20.1315, 0.2996, 0.5559
Android (android.graphics.Color)	4280454951 (0xFF228F27)
YUV	98.5530, -29.3596, -56.6130
Hunter-Lab	44.8681, -35.3609, 24.4921

Details

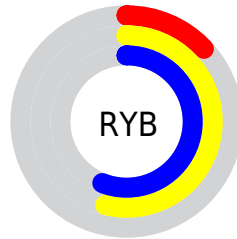
The Hex color **228F27** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F228A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **62C65A**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **148F19**, and if you desaturate by 10%, it is **308F35**.

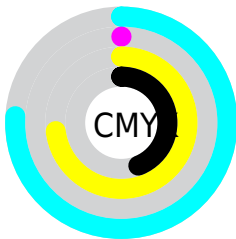
Distribution



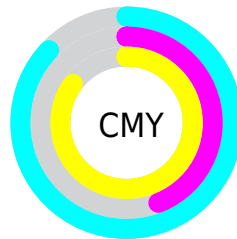
- Red (13%)
- Green (56%)
- Blue (15%)



- Red (13%)
- Yellow (54%)
- Blue (56%)



- Cyan (76%)
- Magenta (0%)
- Yellow (73%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228F27 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 228F27 by changing the saturation by 10% instead.

 228F27

 228F27

FFFFFF

 007508

 62C65A

 005B00

 7EE274

 004200

 9BFF8F

 002D00

 B8FFAA

 000D00

 D5FFC6

 000000

 F3FFE3

 228F27

 228F27

 148F19

 308F35

 058F0C

 3F8F42

 008F07

 4D8F50

 5B8F5E

 6A8F6B

 788F79

 868F87

 948F94

 A38FA2

Harmonies

Analogous

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



748400



228F27



009463

Triad

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



228F27



0089EE



E13E5B

Complementary

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



228F27



8F228A

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.



D73F94



228F27



4276EA

Square

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



228F27



0093D2



AA5AC9



CE5724

Rectangle

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



228F27



00968C



AA5AC9



E13A6E

Sweetspot

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



228F27



8FBA91



8B8F22



445E45



DEDEDE



5E5E5E

Same Dimension

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



228F27



11BA19



228F5C



404741



008706



000800

Inverse Universe

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



8F228A



BA11B2



8F2255



474047



870081



080007

Previews

White Background



This preview shows how the Hex color 228F27 looks on a white background.

Color Contrast Check

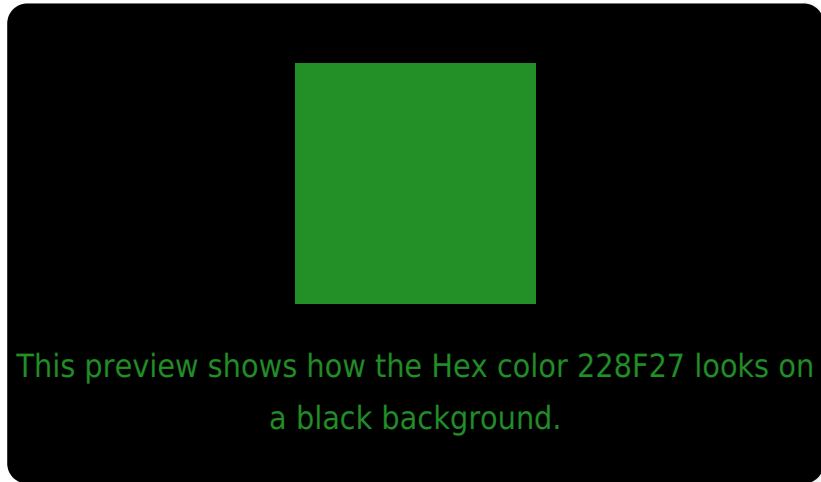
Large Text (above 18pt) WCAG AA ✓ Pass

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

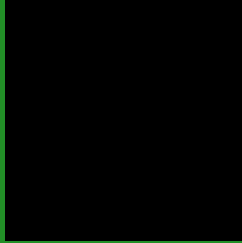
Any Text WCAG AA ✓ Pass

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 228F27 Background



This preview shows how black text looks on a background with the Hex color 228F27.



This preview shows how white text looks on a background with the Hex color 228F27.

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
228F27

Protanopia
8A7B22

Deuteranopia
997531



Tritanopia
428590

Trichromacy



Original Color

228F27



Protanomaly

648224



Deuteranomaly

6E7E2D



Tritanomaly

36896A

Monochromacy



Original Color

228F27



Achromatopsia

636363



Achromatomaly

4B734D

CSS Examples

Text

The CSS property to change the color of the text to Hex 228F27 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 #228F27 looks like.

```
.text, #text, p{  
    color:#228F27  
}
```

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 #228F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228F27
}
```

Border

The CSS property to change the border of an element to Hex 228F27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

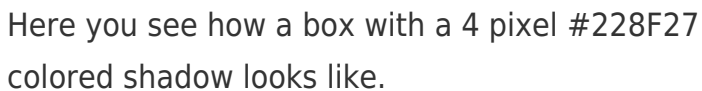
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#228F27 }
```

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

```
.border{ border-color:#228F27 }
```

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



Here you see how a box with a 4 pixel #228F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228F27; -webkit-box-shadow:4px 4px  
4px 4px #228F27; box-shadow:4px 4px 4px  
4px #228F27 }
```

Background

The CSS property to change the background color of an element to Hex 228F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228F27 }
```

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

```
.background{ background-color:#228F27 }
```

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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