

Converting Colors

Hex(5D7D27)

Have a look what the booklet for
Hex(5D7D27) contains.

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Color

Hex(5D7D27)

Conversions

Conversions Part 1

Format	Color
Hex	5D7D27
RGB	93, 125, 39
RGB Percent	36%, 49%, 15%
CMY	0.6353, 0.5098, 0.8471
CMYK	0.26, 0.00, 0.69, 0.51
HSL	82°, 52%, 32%
HSV	82°, 69%, 49%
XYZ	12.2140, 17.1409, 4.5842
YIQ	105.6280, 8.5340, -33.5300

Conversions

Conversions Part 2

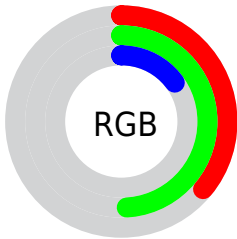
Format	Color
R_{YB}	39, 125, 71
Decimal	6126887
CIE Lab	48.44, -25.43, 41.52
CIE LCh	48, 48.690, 121.486
Yxy	17.1409, 0.3599, 0.5050
Android (android.graphics.Color)	4284316967 (0xFF5D7D27)
YUV	105.6280, -32.8476, -11.0748
Hunter-Lab	41.4015, -19.7927, 22.4161

Details

The Hex color **5D7D27** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **47277D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **92B259**, and **2B4C00** is the 20% darker color. If you saturate the color by 10%, you get **587D1B**, and if you desaturate by 10%, it is **627D34**.

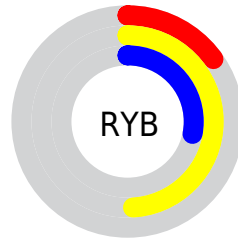
Distribution



Red (36%)

Green (49%)

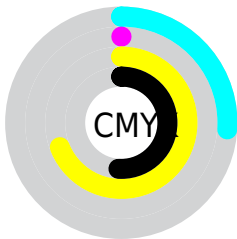
Blue (15%)



Red (15%)

Yellow (49%)

Blue (28%)

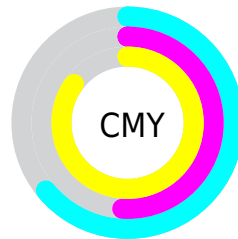


Cyan (26%)

Magenta (0%)

Yellow (69%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7D27 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 5D7D27 by changing the saturation by 10% instead.



5D7D27



5D7D27

FFFFFF



44640B



92B259



2B4C00



ADCD73



113500



C9EA8D



002100



E6FFA8



000000



FFFFC4



FFFFE0



FFFFFD



5D7D27



5D7D27

■ 587D1B

■ 627D34

■ 547D0E

■ 667D40

■ 4F7D02

■ 6B7D4D

■ 4E7D00

■ 707D59

■ 747D66

■ 797D72

■ 7E7D7E

■ 827D8B

■ 877D98

Harmonies

Analogous

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



877218



5D7D27



1A844A

Triad

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



5D7D27



0081BB



BC4C73

Complementary

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



5D7D27



47277D

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.



A6569B



5D7D27



0077C5

Square

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



5D7D27



00869D



7667BA



BB524A

Rectangle

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



5D7D27



008665



7667BA



B84E81

Sweetspot

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



5D7D27



96A381



7D4727



4A523D



D1D1D1



525252

Same Dimension

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



5D7D27



71A31C



327D27



3D4039



508000



000000

Inverse Universe

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



47277D



4E1CA3



72277D



3C3940



2F0080



000000

Previews

White Background



This preview shows how the Hex color 5D7D27 looks on a white background.

Color Contrast Check

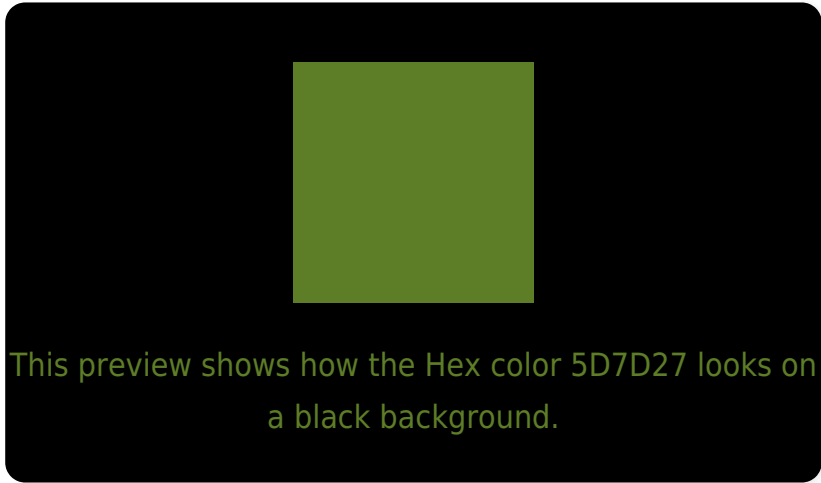
Large Text (above 18pt) WCAG AA ✓ Pass

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

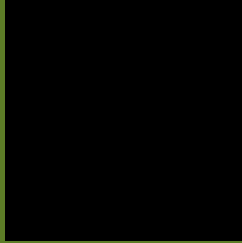
Any Text WCAG AA × Fail

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 5D7D27 Background



This preview shows how black text looks on a background with the Hex color 5D7D27.



This preview shows how white text looks on a background with the Hex color 5D7D27.

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
5D7D27

Protanopia
807324

Deuteranopia
8F6D2D



Tritanopia
68757E

Trichromacy



Original Color
5D7D27

Protanomaly
737725

Deuteranomaly
7D732B

Tritanomaly
64785E

Monochromacy



Original Color
5D7D27

Achromatopsia
6A6A6A

Achromatomaly
657152

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7D27 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 #5D7D27 looks like.

```
.text, #text, p{  
    color:#5D7D27  
}
```

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 #5D7D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7D27
}
```

Border

The CSS property to change the border of an element to Hex 5D7D27 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
#5D7D27 }
```

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

```
.border{ border-color:#5D7D27 }
```

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

Here you see how a box with a 4 pixel #5D7D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7D27; -webkit-box-shadow:4px 4px  
4px 4px #5D7D27; box-shadow:4px 4px 4px  
4px #5D7D27 }
```

Background

The CSS property to change the background color of an element to Hex 5D7D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7D27 }
```

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

```
.background{ background-color:#5D7D27 }
```

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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