

Converting Colors

Hex(567021)

Have a look what the booklet for
Hex(567021) contains.

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Color

Hex(567021)

Conversions

Conversions Part 1

Format	Color
Hex	567021
RGB	86, 112, 33
RGB Percent	34%, 44%, 13%
CMY	0.6627, 0.5608, 0.8706
CMYK	0.23, 0.00, 0.71, 0.56
HSL	80°, 54%, 28%
HSV	80°, 71%, 44%
XYZ	9.9064, 13.6766, 3.5566
YIQ	95.2200, 9.8630, -30.0810

Conversions

Conversions Part 2

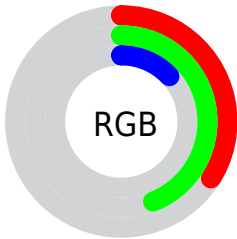
Format	Color
RYB	33, 112, 59
Decimal	5664801
CIELab	43.77, -22.31, 39.11
CIElCh	44, 45.025, 119.696
Yxy	13.6766, 0.3650, 0.5039
Android (android.graphics.Color)	4283854881 (0xFF567021)
YUV	95.2200, -30.6745, -8.0859
Hunter-Lab	36.9819, -16.9030, 20.1854

Details

The Hex color **567021** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B2170**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8AA452**, and **264000** is the 20% darker color. If you saturate the color by 10%, you get **527016**, and if you desaturate by 10%, it is **5A702C**.

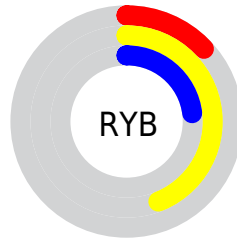
Distribution



Red (34%)

Green (44%)

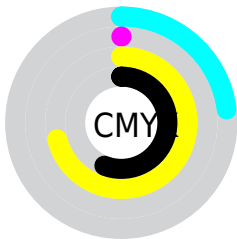
Blue (13%)



Red (13%)

Yellow (44%)

Blue (23%)

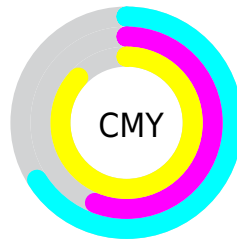


Cyan (23%)

Magenta (0%)

Yellow (71%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567021 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 567021 by changing the saturation by 10% instead.



567021



567021

FFFFFF



3D5705



8AA452



264000



A5BF6C



0B2A00



C1DB86



001600



DDF7A0



000000



FAFFBC



FFFFD8



FFFFF5



567021



567021

■ 527016

■ 5A702C

■ 4F700B

■ 5D7037

■ 4B7000

■ 617043

■ 65704E

■ 687059

■ 6C7064

■ 70706F

■ 73707B

■ 777086

Harmonies

Analogous

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



7B6515



567021



1D7640

Triad

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



567021



0075A7



A94469

Complementary

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



567021



3B2170

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.



944E8E



567021



006CB2

Square

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



567021



00798B



675EA9



A94945

Rectangle

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



567021



007959



675EA9



A54676

Sweetspot

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



567021



879173



703A21



444A37



C9C9C9



4A4A4A

Same Dimension

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



567021



699116



2F7021



363832



507800



A6F700

Inverse Universe

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



3B2170



3E1691



622170



343238



270078



5100F7

Previews

White Background



This preview shows how the Hex color 567021 looks on a white background.

Color Contrast Check

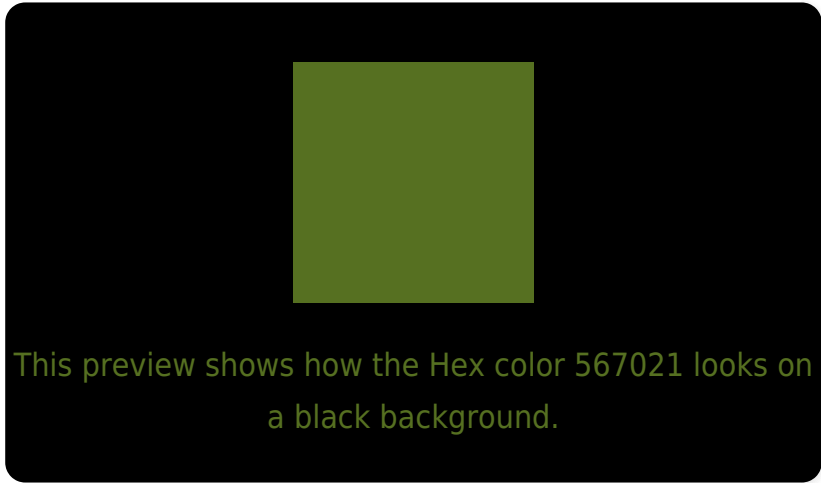
Large Text (above 18pt) WCAG AA ✓ Pass

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

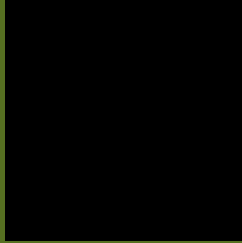
Any Text WCAG AA × Fail

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 567021 Background



This preview shows how black text looks on a background with the Hex color 567021.



This preview shows how white text looks on a background with the Hex color 567021.

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
567021

Protanopia
74671F

Deuteranopia
816226



Tritanopia
5F6971

Trichromacy



Original Color
567021

Protanomaly
696A20

Deuteranomaly
716724

Tritanomaly
5C6C54

Monochromacy



Original Color
567021

Achromatopsia
5F5F5F

Achromatomaly
5C6548

CSS Examples

Text

The CSS property to change the color of the text to Hex 567021 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 #567021 looks like.

```
.text, #text, p{  
    color:#567021  
}
```

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 #567021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567021
}
```

Border

The CSS property to change the border of an element to Hex 567021 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
#567021 }
```

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

```
.border{ border-color:#567021 }
```

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

Here you see how a box with a 4 pixel #567021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567021; -webkit-box-shadow:4px 4px  
4px 4px #567021; box-shadow:4px 4px 4px  
4px #567021 }
```

Background

The CSS property to change the background color of an element to Hex 567021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567021 }
```

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

```
.background{ background-color:#567021 }
```

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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