

Converting Colors

Hex(567268)

Have a look what the booklet for
Hex(567268) contains.

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Color

Hex(567268)

Conversions

Conversions Part 1

Format	Color
Hex	567268
RGB	86, 114, 104
RGB Percent	34%, 45%, 41%
CMY	0.6627, 0.5529, 0.5922
CMYK	0.25, 0.00, 0.09, 0.55
HSL	159°, 14%, 39%
HSV	159°, 25%, 45%
XYZ	12.3538, 15.0125, 15.3433
YIQ	104.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

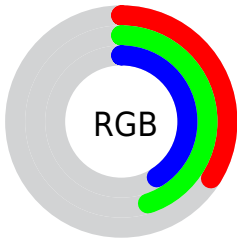
Format	Color
RYB	86, 103, 114
Decimal	5665384
CIELab	45.65, -12.46, 2.22
CIElCh	46, 12.661, 169.903
Yxy	15.0125, 0.2893, 0.3515
Android (android.graphics.Color)	4283855464 (0xFF567268)
YUV	104.4880, -0.2406, -16.2140
Hunter-Lab	38.7460, -10.8927, 3.6436

Details

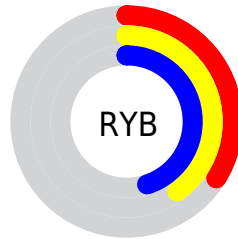
The Hex color **567268** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **725660**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **88A69B**, and **284239** is the 20% darker color. If you saturate the color by 10%, you get **4B7264**, and if you desaturate by 10%, it is **61726C**.

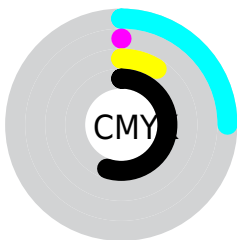
Distribution



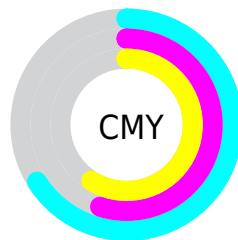
- Red (34%)
- Green (45%)
- Blue (41%)



- Red (34%)
- Yellow (40%)
- Blue (45%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (55%)



- Cyan (66%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567268 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 567268 by changing the saturation by 10% instead.

■ 567268

■ 567268

FFFFFF

■ 3E5950

■ 88A69B

■ 284239

■ A3C1B6

■ 122C24

■ BEDDD1

■ 00180E

■ DAFAEE

■ 000000

■ F6FFFF

■ 567268

■ 567268

■ 4B7264

■ 61726C

■ 3F7260

■ 6D7270

■ 34725C

■ 787274

■ 287258

■ 847278

■ 1D7254

■ 8F727C

■ 127250

■ 9A7280

■ 06724B

■ A67285

■ 007249

■ B17289

■ BD728D

Harmonies

Analogous

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



61705E



567268



507273

Triad

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



567268



696B80



80675C

Complementary

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



567268



725660

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.



826565



567268



76677A

Square

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



567268



5C6E81



7F6570



786A57

Rectangle

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



567268



507179



7F6570



81665F

Sweetspot

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



567268



8A9490



607256



444A48



C9C9C9



4A4A4A

Same Dimension

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



567268



699485



566E72



323836



00784D



00F79F

Inverse Universe

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



725660



946978



725A56



383234



78002B



F70058

Previews

White Background



This preview shows how the Hex color 567268 looks on a white background.

Color Contrast Check

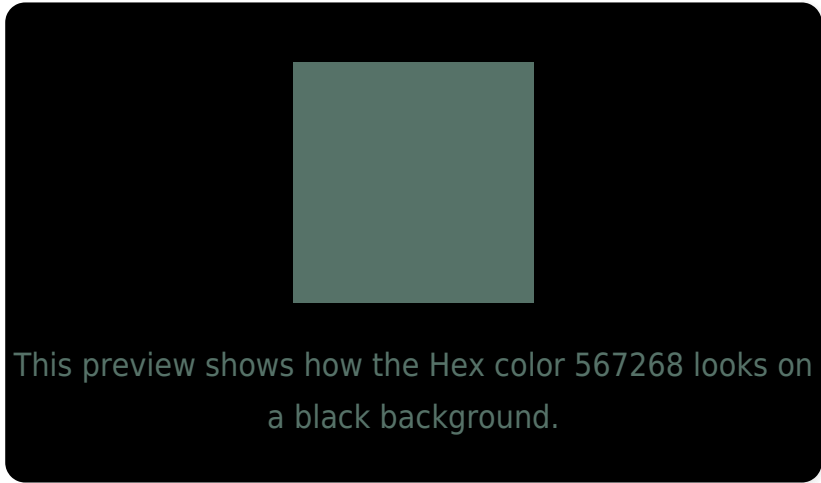
Large Text (above 18pt) WCAG AA ✓ Pass

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

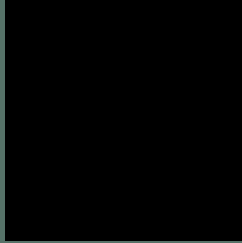
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

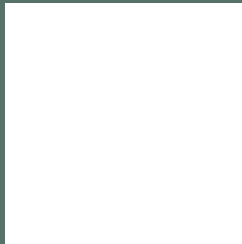
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 567268 Background



This preview shows how black text looks on a background with the Hex color 567268.



This preview shows how white text looks on a background with the Hex color 567268.

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
567268

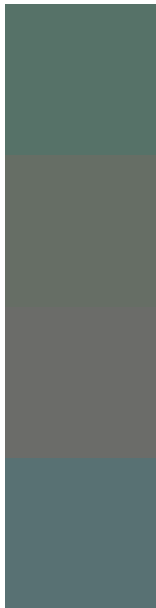
Protanopia
6F6B64

Deuteranopia
77686A



Tritanopia
597079

Trichromacy



Original Color
567268

Protanomaly
666E65

Deuteranomaly
6B6C69

Tritanomaly
587173

Monochromacy



Original Color
567268

Achromatopsia
686868

Achromatomaly
616C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 567268 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 #567268 looks like.

```
.text, #text, p{  
    color:#567268  
}
```

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 #567268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567268
}
```

Border

The CSS property to change the border of an element to Hex 567268 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
#567268 }
```

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

```
.border{ border-color:#567268 }
```

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

Here you see how a box with a 4 pixel #567268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567268; -webkit-box-shadow:4px 4px  
4px 4px #567268; box-shadow:4px 4px 4px  
4px #567268 }
```

Background

The CSS property to change the background color of an element to Hex 567268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567268 }
```

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

```
.background{ background-color:#567268 }
```

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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