

Converting Colors

Hex(564458)

Have a look what the booklet for
Hex(564458) contains.

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Color

Hex(564458)

Conversions

Conversions Part 1

Format	Color
Hex	564458
RGB	86, 68, 88
RGB Percent	34%, 27%, 35%
CMY	0.6627, 0.7333, 0.6549
CMYK	0.02, 0.23, 0.00, 0.65
HSL	294°, 13%, 31%
HSV	294°, 23%, 35%
XYZ	7.6663, 6.8173, 10.1443
YIQ	75.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

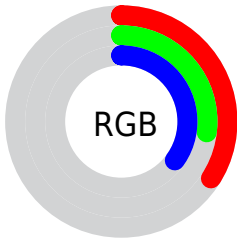
Format	Color
R_{YB}	86, 68, 88
Decimal	5653592
CIE _{Lab}	31.39, 11.78, -8.97
CIE _{LCh}	31, 14.802, 322.721
Yxy	6.8173, 0.3113, 0.2768
Android (android.graphics.Color)	4283843672 (0xFF564458)
YUV	75.6620, 6.0826, 9.0664
Hunter-Lab	26.1099, 6.7185, -4.7587

Details

The Hex color **564458** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **465844**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **88748A**, and **28192B** is the 20% darker color. If you saturate the color by 10%, you get **553B58**, and if you desaturate by 10%, it is **574D58**.

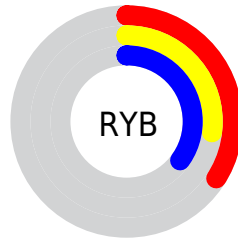
Distribution



 Red (34%)

 Green (27%)

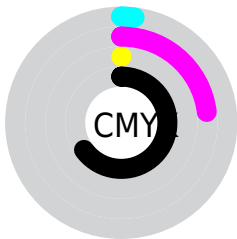
 Blue (35%)



 Red (34%)

 Yellow (27%)

 Blue (35%)

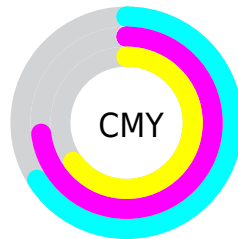


 Cyan (2%)

 Magenta (23%)

 Yellow (0%)

 Black (65%)



 Cyan (66%)

 Magenta (73%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564458 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 564458 by changing the saturation by 10% instead.

■ 564458

■ 564458

FFFFFF

■ 3F2E41

■ 88748A

■ 28192B

■ A28EA4

■ 150017

■ BDA8BF

■ 000000

■ D9C4DB

■ F6E0F8

■ FFFCFF

■ 564458

■ 564458

■ 553B58

■ 574D58

■ 543258

■ 585658

■ 532A58

■ 595E58

■ 522158

■ 5A6758

■ 521858

■ 5A7058

■ 510F58

■ 5B7958

■ 500658

■ 5C8258

■ 4F0058

■ 5D8A58

■ 5E9358

Harmonies

Analogous

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



48485F



564458



5F424D

Triad

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



564458



554833



275052

Complementary

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



564458



465844

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.



2F5047



564458



494C34

Square

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



564458



5E4438



3C4F3C



2A4F5C

Rectangle

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



564458



614145



3C4F3C



29504F

Sweetspot

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



564458



726B73



444658



3A363B



BABABA



3B3B3B

Same Dimension

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



564458



705473



584450



2B272B



60006B



D300EB

Inverse Universe

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



584446



735457



44584C



2B2727



6B000B



EB0017

Previews

White Background



This preview shows how the Hex color 564458 looks on a white background.

Color Contrast Check

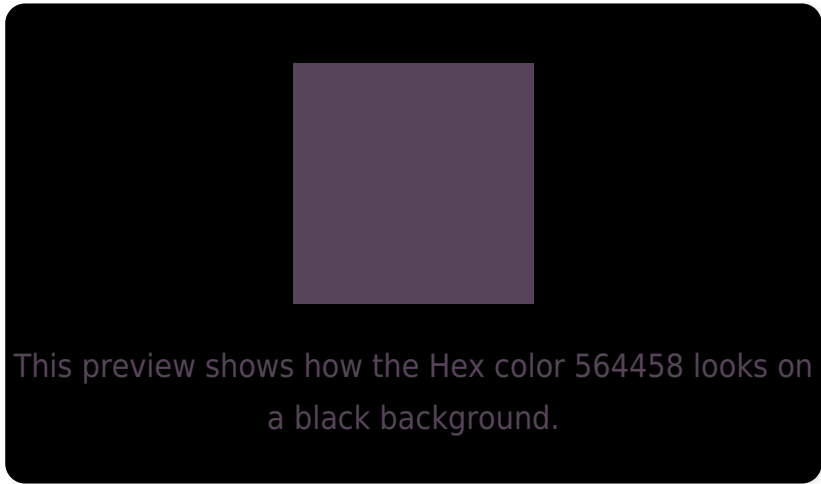
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

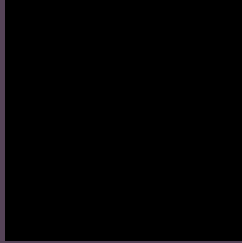
Any Text WCAG AA × Fail

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 564458 Background



This preview shows how black text looks on a background with the Hex color 564458.

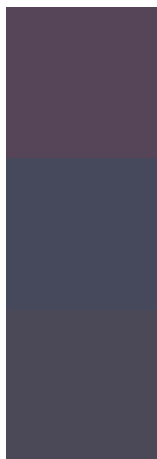


This preview shows how white text looks on a background with the Hex color 564458.

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
564458

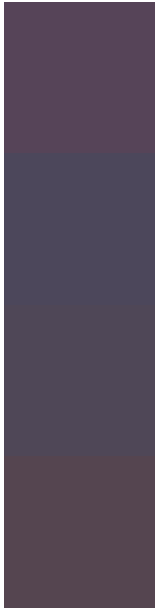
Protanopia
46495C

Deuteranopia
4B4857



Tritanopia
54464C

Trichromacy



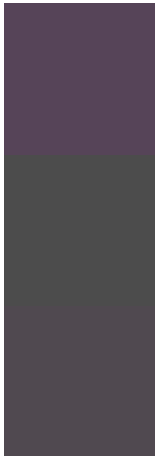
Original Color
564458

Protanomaly
4C475B

Deuteranomaly
4F4757

Tritanomaly
554550

Monochromacy



Original Color
564458

Achromatopsia
4C4C4C

Achromatomaly
504950

CSS Examples

Text

The CSS property to change the color of the text to Hex 564458 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 #564458 looks like.

```
.text, #text, p{  
    color:#564458  
}
```

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 #564458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564458
}
```

Border

The CSS property to change the border of an element to Hex 564458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

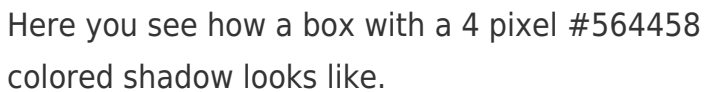
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#564458 }
```

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

```
.border{ border-color:#564458 }
```

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



Here you see how a box with a 4 pixel #564458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564458; -webkit-box-shadow:4px 4px  
4px 4px #564458; box-shadow:4px 4px 4px  
4px #564458 }
```

Background

The CSS property to change the background color of an element to Hex 564458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564458 }
```

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

```
.background{ background-color:#564458 }
```

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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