

Converting Colors

Hex(564662)

Have a look what the booklet for
Hex(564662) contains.

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Color

Hex(564662)

Conversions

Conversions Part 1

Format	Color
Hex	564662
RGB	86, 70, 98
RGB Percent	34%, 27%, 38%
CMY	0.6627, 0.7255, 0.6157
CMYK	0.12, 0.29, 0.00, 0.62
HSL	274°, 17%, 33%
HSV	274°, 29%, 38%
XYZ	8.2325, 7.2406, 12.5189
YIQ	77.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

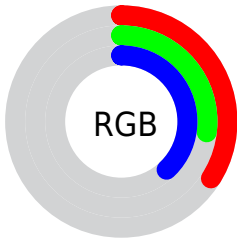
Format	Color
R_{YB}	86, 70, 98
Decimal	5654114
CIE _{Lab}	32.35, 12.83, -13.89
CIE _{LCh}	32, 18.909, 312.715
Yxy	7.2406, 0.2941, 0.2587
Android (android.graphics.Color)	4283844194 (0xFF564662)
YUV	77.9760, 9.8718, 7.0370
Hunter-Lab	26.9084, 7.5218, -8.7485

Details

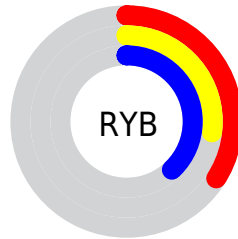
The Hex color **564662** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **526246**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **887695**, and **281A33** is the 20% darker color. If you saturate the color by 10%, you get **523C62**, and if you desaturate by 10%, it is **5A5062**.

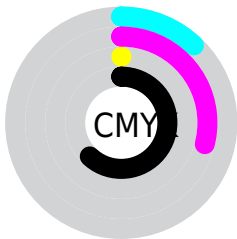
Distribution



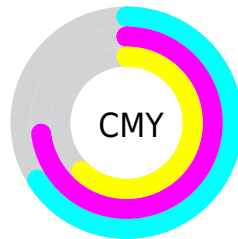
- Red (34%)
- Green (27%)
- Blue (38%)



- Red (34%)
- Yellow (27%)
- Blue (38%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (73%)
- Yellow (62%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564662 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 564662 by changing the saturation by 10% instead.

■ 564662

■ 564662

FFFFFF

■ 3F304A

■ 887695

■ 281A33

■ A290AF

■ 15001F

■ BEABCB

■ 000002

■ D9C6E7

■ 000000

■ F6E2FF

■ 564662

■ 564662

■ 523C62

■ 5A5062

■ 4E3262

■ 5E5A62

■ 492962

■ 636362

■ 451F62

■ 676D62

■ 411562

■ 6B7762

■ 3D0B62

■ 6F8162

■ 390162

■ 738B62

■ 380062

■ 789462

■ 7C9E62

Harmonies

Analogous

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



424B69



564662



644255

Triad

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



564662



5E4830



1D5452

Complementary

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



564662



526246

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.



2D5443



564662



504D2F

Square

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



564662



674339



3F5136



195360

Rectangle

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



564662



69414B



3F5136



22544D

Sweetspot

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



564662



7B7480



465262



3D3940



BFBFBF



404040

Same Dimension

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



564662



6D5480



624660



2E2C30



400070



8900F0

Inverse Universe

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



624652



805467



466248



302C2E



700030



F00067

Previews

White Background



This preview shows how the Hex color 564662 looks on a white background.

Color Contrast Check

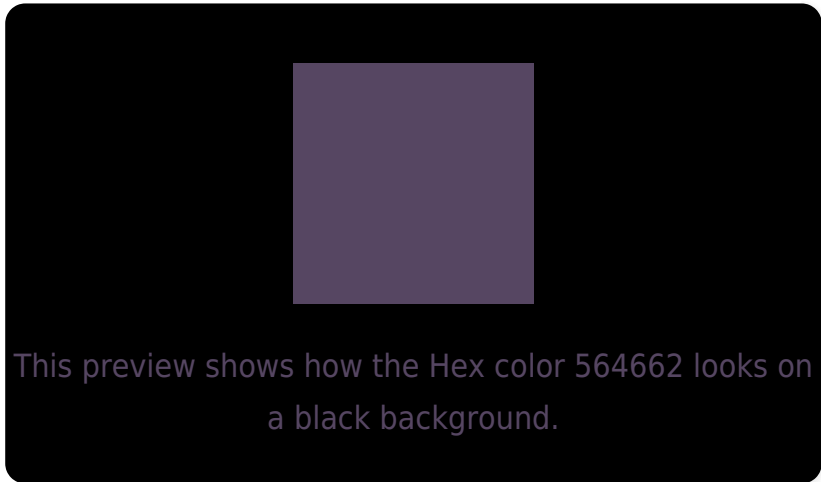
Large Text (above 18pt) WCAG AA ✓ Pass

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

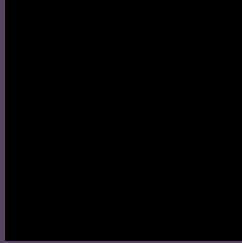
Any Text WCAG AA × Fail

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 564662 Background



This preview shows how black text looks on a background with the Hex color 564662.

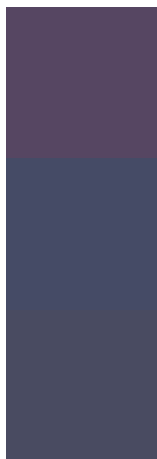


This preview shows how white text looks on a background with the Hex color 564662.

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
564662

Protanopia
454B66

Deuteranopia
494B61



Tritanopia
534A4F

Trichromacy



Original Color
564662

Protanomaly
4B4965

Deuteranomaly
4E4961

Tritanomaly
544956

Monochromacy



Original Color
564662

Achromatopsia
4E4E4E

Achromatomaly
514B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 564662 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 #564662 looks like.

```
.text, #text, p{  
    color:#564662  
}
```

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 #564662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564662
}
```

Border

The CSS property to change the border of an element to Hex 564662 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".

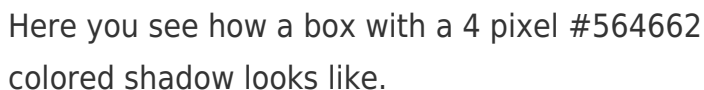
```
.border, #border, table{ border:4px solid
#564662 }
```

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

```
.border{ border-color:#564662 }
```

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

Here you see how a box with a 4 pixel #564662 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564662; -webkit-box-shadow:4px 4px  
4px 4px #564662; box-shadow:4px 4px 4px  
4px #564662 }
```

Background

The CSS property to change the background color of an element to Hex 564662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564662 }
```

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

```
.background{ background-color:#564662 }
```

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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