

Converting Colors

Hex(565666)

Have a look what the booklet for
Hex(565666) contains.

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Color

Hex(565666)

Conversions

Conversions Part 1

Format	Color
Hex	565666
RGB	86, 86, 102
RGB Percent	34%, 34%, 40%
CMY	0.6627, 0.6627, 0.6000
CMYK	0.16, 0.16, 0.00, 0.60
HSL	240°, 9%, 37%
HSV	240°, 16%, 40%
XYZ	9.5638, 9.5933, 13.9180
YIQ	87.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

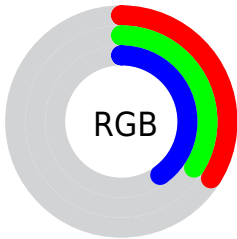
Format	Color
R_{YB}	86, 86, 102
Decimal	5658214
CIE Lab	37.10, 3.67, -9.19
CIE LCh	37, 9.897, 291.764
Yxy	9.5933, 0.2892, 0.2900
Android (android.graphics.Color)	4283848294 (0xFF565666)
YUV	87.8240, 6.9888, -1.5996
Hunter-Lab	30.9731, 0.9140, -4.9613

Details

The Hex color **565666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666656**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **888899**, and **292937** is the 20% darker color. If you saturate the color by 10%, you get **4C4C66**, and if you desaturate by 10%, it is **606066**.

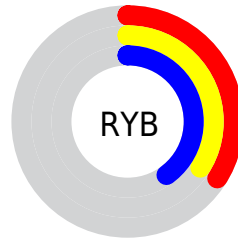
Distribution



Red (34%)

Green (34%)

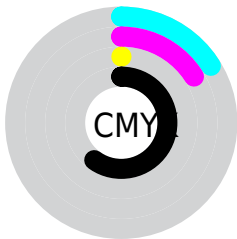
Blue (40%)



Red (34%)

Yellow (34%)

Blue (40%)

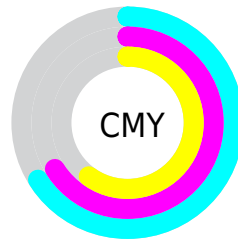


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (60%)



Cyan (66%)

Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565666 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 565666 by changing the saturation by 10% instead.

■ 565666

■ 565666

FFFFFF

■ 3F3F4E

■ 888899

■ 292937

■ A2A2B4

■ 141522

■ BDBDCF

■ 00000A

■ D9D9EC

■ 000000

■ F5F5FF

■ 565666

■ 565666

■ 4C4C66

■ 606066

■ 424266

■ 6A6A66

■ 373766

■ 757566

■ 2D2D66

■ 7F7F66

■ 232366

■ 898966

■ 191966

■ 939366

■ 0F0F66

■ 9D9D66

■ 040466

■ A8A866

■ 000066

■ B2B266

Harmonies

Analogous

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



4C5967



565666



605361

Triad

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



565666



66544B



465C55

Complementary

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



565666



666656

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.



4E5B4D



565666



605648

Square

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



565666



685252



575948



425C5D

Rectangle

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



565666



64525C



575948



495C52

Sweetspot

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



565666



7E7E85



566666



3E3E42



C2C2C2



424242

Same Dimension

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



565666



6B6B85



5E5666



2E2E33



000073



0000F2

Inverse Universe

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



665666



856B85



5E6656



332E33



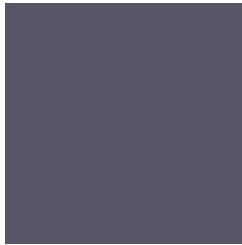
730073



F200F2

Previews

White Background



This preview shows how the Hex color 565666 looks on a white background.

Color Contrast Check

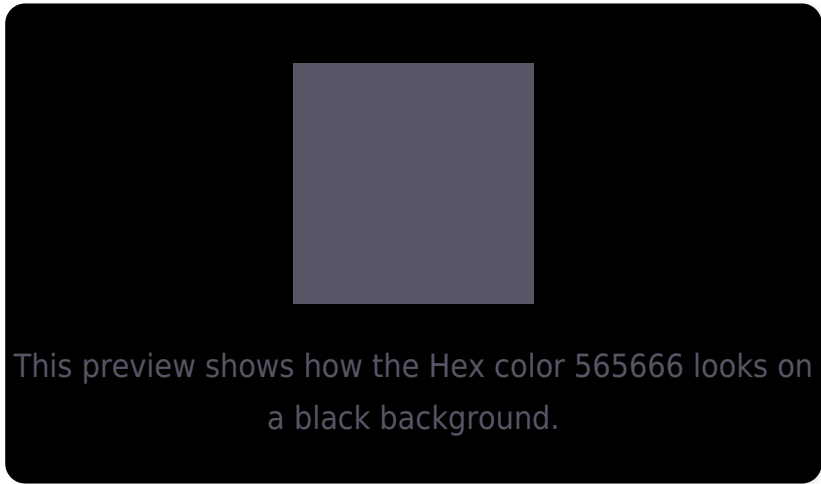
Large Text (above 18pt) WCAG AA ✓ Pass

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 565666 Background



This preview shows how black text looks on a background with the Hex color 565666.

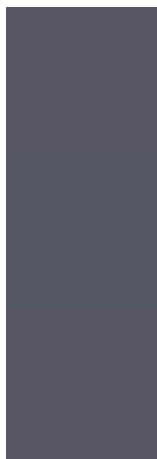


This preview shows how white text looks on a background with the Hex color 565666.

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
565666

Protanopia
545766

Deuteranopia
595566



Tritanopia
55575E

Trichromacy



Original Color

565666

Protanomaly

555766

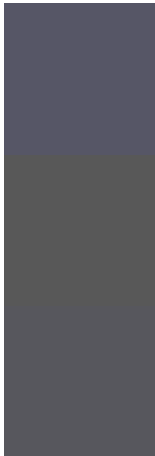
Deuteranomaly

585566

Tritanomaly

555761

Monochromacy



Original Color

565666

Achromatopsia

585858

Achromatomaly

57575D

CSS Examples

Text

The CSS property to change the color of the text to Hex 565666 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 #565666 looks like.

```
.text, #text, p{  
    color:#565666  
}
```

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 #565666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565666
}
```

Border

The CSS property to change the border of an element to Hex 565666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

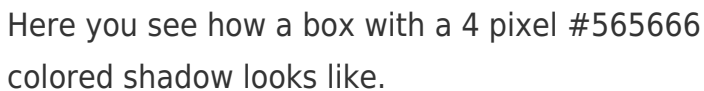
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565666 }
```

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

```
.border{ border-color:#565666 }
```

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



Here you see how a box with a 4 pixel #565666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565666; -webkit-box-shadow:4px 4px  
4px 4px #565666; box-shadow:4px 4px 4px  
4px #565666 }
```

Background

The CSS property to change the background color of an element to Hex 565666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565666 }
```

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

```
.background{ background-color:#565666 }
```

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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