

Converting Colors

Hex(556575)

Have a look what the booklet for
Hex(556575) contains.

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Color

Hex(556575)

Conversions

Conversions Part 1

Format	Color
Hex	556575
RGB	85, 101, 117
RGB Percent	33%, 40%, 46%
CMY	0.6667, 0.6039, 0.5412
CMYK	0.27, 0.14, 0.00, 0.54
HSL	210°, 16%, 40%
HSV	210°, 27%, 46%
XYZ	11.6109, 12.5230, 18.6348
YIQ	98.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

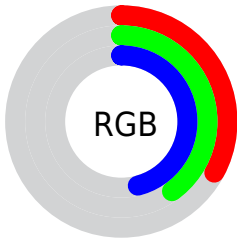
Format	Color
R_{YB}	85, 96, 117
Decimal	5596533
CIE _{Lab}	42.04, -2.06, -10.98
CIE _{LCh}	42, 11.172, 259.366
Yxy	12.5230, 0.2715, 0.2928
Android (android.graphics.Color)	4283786613 (0xFF556575)
YUV	98.0400, 9.3473, -11.4361
Hunter-Lab	35.3879, -3.3623, -6.4499

Details

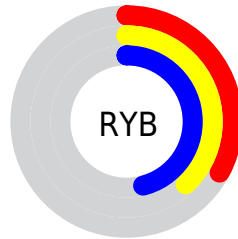
The Hex color **556575** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756555**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8798A9**, and **273645** is the 20% darker color. If you saturate the color by 10%, you get **495F75**, and if you desaturate by 10%, it is **616B75**.

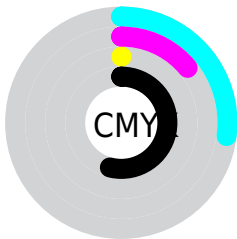
Distribution



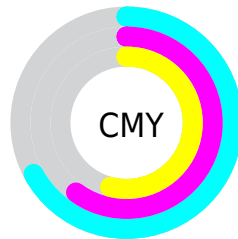
- Red (33%)
- Green (40%)
- Blue (46%)



- Red (33%)
- Yellow (38%)
- Blue (46%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (67%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556575 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 556575 by changing the saturation by 10% instead.

■ 556575

■ 556575

FFFFFF

■ 3D4D5C

■ 8798A9

■ 273645

■ A2B3C4

■ 11212E

■ BDCEE0

■ 000A1A

■ D9EAFD

■ 000000

■ F5FFFF

■ 556575

■ 556575

■ 495F75

■ 616B75

■ 3E5975

■ 6C7175

■ 325375

■ 787775

■ 264E75

■ 847C75

■ 1A4875

■ 908275

■ 0F4275

■ 9B8875

■ 033C75

■ A78E75

■ 003B75

■ B39475

■ BE9A75

Harmonies

Analogous

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



4D6771



556575



616274

Triad

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



556575



775D5D



5A6757

Complementary

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



556575



756555

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.



646452



556575



745F56

Square

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



556575



745D67



6E6151



50685F

Rectangle

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



556575



686071



6E6151



5D6655

Sweetspot

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



556575



8D9399



557565



45494D



CCCCCC



4D4D4D

Same Dimension

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



556575



678099



555575



35383B



003D7A



007DFA

Inverse Universe

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



755565



996780



757555



3B3538



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 556575 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

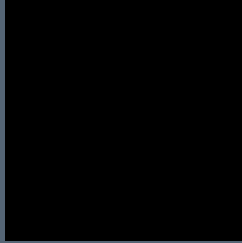
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

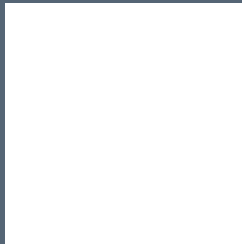
Any Text WCAG AAA × Fail

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

Hex 556575 Background



This preview shows how black text looks on a background with the Hex color 556575.



This preview shows how white text looks on a background with the Hex color 556575.

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](#).

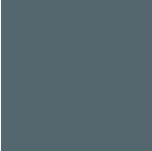
Dichromacy



Original Color
556575

Protanopia
606273

Deuteranopia
636176



Tritanopia
54666E

Trichromacy



Original Color
556575

Protanomaly
5C6374

Deuteranomaly
5E6276

Tritanomaly
546671

Monochromacy



Original Color
556575

Achromatopsia
626262

Achromatomaly
5D6369

CSS Examples

Text

The CSS property to change the color of the text to Hex 556575 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 #556575 looks like.

```
.text, #text, p{  
    color:#556575  
}
```

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 #556575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556575  
}
```

Border

The CSS property to change the border of an element to Hex 556575 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  
#556575 }
```

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

```
.border{ border-color:#556575 }
```

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

Here you see how a box with a 4 pixel #556575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556575; -webkit-box-shadow:4px 4px  
4px 4px #556575; box-shadow:4px 4px 4px  
4px #556575 }
```

Background

The CSS property to change the background color of an element to Hex 556575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556575 }
```

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

```
.background{ background-color:#556575 }
```

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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