

Converting Colors

Hex(556378)

Have a look what the booklet for
Hex(556378) contains.

Hex(556378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(556378)

Conversions

Conversions Part 1

Format	Color
Hex	556378
RGB	85, 99, 120
RGB Percent	33%, 39%, 47%
CMY	0.6667, 0.6118, 0.5294
CMYK	0.29, 0.18, 0.00, 0.53
HSL	216°, 17%, 40%
HSV	216°, 29%, 47%
XYZ	11.5983, 12.2110, 19.5150
YIQ	97.2080, -15.0850, 3.5630

Conversions

Conversions Part 2

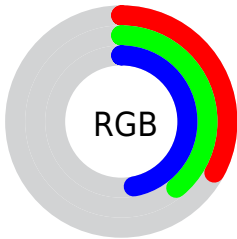
Format	Color
RYB	85, 95, 120
Decimal	5596024
CIELab	41.55, -0.06, -13.54
CIElCh	42, 13.540, 269.761
Yxy	12.2110, 0.2677, 0.2819
Android (android.graphics.Color)	4283786104 (0xFF556378)
YUV	97.2080, 11.2365, -10.7064
Hunter-Lab	34.9443, -1.9068, -8.6500

Details

The Hex color **556378** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786A55**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8796AC**, and **263547** is the 20% darker color. If you saturate the color by 10%, you get **495C78**, and if you desaturate by 10%, it is **616A78**.

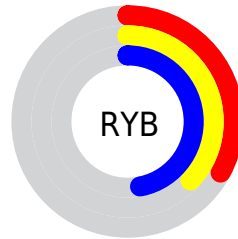
Distribution



Red (33%)

Green (39%)

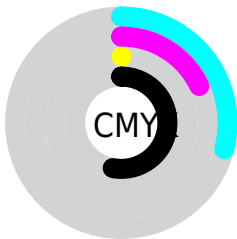
Blue (47%)



Red (33%)

Yellow (37%)

Blue (47%)

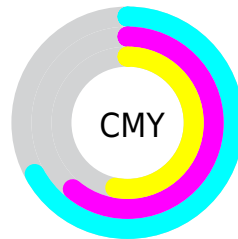


Cyan (29%)

Magenta (18%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (61%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556378 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 556378 by changing the saturation by 10% instead.

■ 556378

■ 556378

FFFFFF

■ 3D4B5F

■ 8796AC

■ 263547

■ A2B0C8

■ 102031

■ BDCCE4

■ 00071C

■ D9E8FF

■ 000000

■ F6FFFF

■ 556378

■ 556378

■ 495C78

■ 616A78

■ 3D5578

■ 6D7178

■ 314D78

■ 797978

■ 254678

■ 858078

■ 193F78

■ 918778

■ 0D3878

■ 9D8E78

■ 013178

■ A99578

■ 003078

■ B59D78

■ C1A478

Harmonies

Analogous

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



486675



556378



645F75

Triad

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



556378



795B57



526757

Complementary

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



556378



786A55

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.



5F654F



556378



745E4F

Square

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



556378



785A62



6B614C



486862

Rectangle

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



556378



6D5D70



6B614C



566753

Sweetspot

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



556378



8E939C



55786A



464A4F



CFCFCF



4F4F4F

Same Dimension

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



556378



657B9C



585578



373A3D



00327D



0065FC

Inverse Universe

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



785563



9C657B



747855



3D373A



7D0032



FC0065

Previews

White Background



This preview shows how the Hex color 556378 looks on a white background.

Color Contrast Check

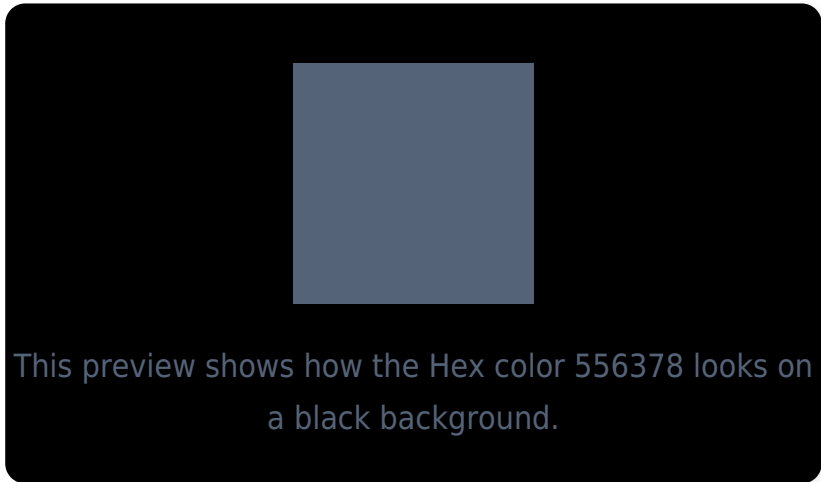
Large Text (above 18pt) WCAG AA ✓ Pass

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

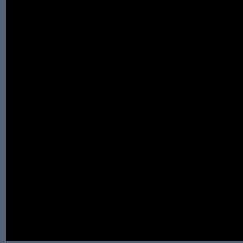
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

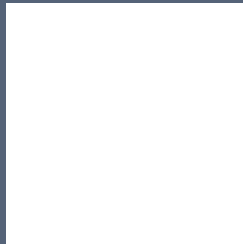
Any Text WCAG AAA × Fail

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

Hex 556378 Background



This preview shows how black text looks on a background with the Hex color 556378.

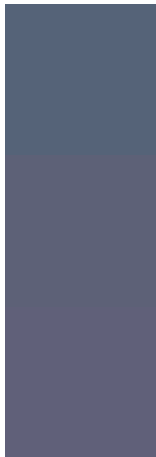


This preview shows how white text looks on a background with the Hex color 556378.

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](#).

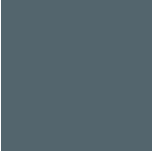
Dichromacy



Original Color
556378

Protanopia
5D6177

Deuteranopia
606079



Tritanopia
53656D

Trichromacy



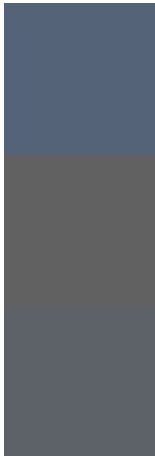
Original Color
556378

Protanomaly
5A6277

Deuteranomaly
5C6179

Tritanomaly
546471

Monochromacy



Original Color
556378

Achromatopsia
616161

Achromatomaly
5D6269

CSS Examples

Text

The CSS property to change the color of the text to Hex 556378 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 #556378 looks like.

```
.text, #text, p{  
    color:#556378  
}
```

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 #556378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556378
}
```

Border

The CSS property to change the border of an element to Hex 556378 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
#556378 }
```

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

```
.border{ border-color:#556378 }
```

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

Here you see how a box with a 4 pixel #556378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556378; -webkit-box-shadow:4px 4px  
4px 4px #556378; box-shadow:4px 4px 4px  
4px #556378 }
```

Background

The CSS property to change the background color of an element to Hex 556378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556378 }
```

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

```
.background{ background-color:#556378 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor