

Converting Colors

Hex(456868)

Have a look what the booklet for
Hex(456868) contains.

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Color

Hex(456868)

Conversions

Conversions Part 1

Format	Color
Hex	456868
RGB	69, 104, 104
RGB Percent	27%, 41%, 41%
CMY	0.7294, 0.5922, 0.5922
CMYK	0.34, 0.00, 0.00, 0.59
HSL	180°, 20%, 34%
HSV	180°, 34%, 41%
XYZ	9.9032, 12.1653, 14.9229
YIQ	93.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

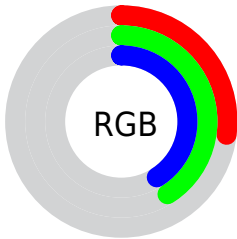
Format	Color
R_{YB}	69, 87, 104
Decimal	4548712
CIE _{Lab}	41.48, -12.47, -4.02
CIE _{LCh}	41, 13.101, 197.856
Yxy	12.1653, 0.2677, 0.3289
Android (android.graphics.Color)	4282738792 (0xFF456868)
YUV	93.5350, 5.1592, -21.5172
Hunter-Lab	34.8788, -10.3559, -0.9520

Details

The Hex color **456868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684545**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **779B9B**, and **163939** is the 20% darker color. If you saturate the color by 10%, you get **3B6868**, and if you desaturate by 10%, it is **4F6868**.

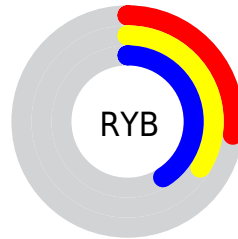
Distribution



Red (27%)

Green (41%)

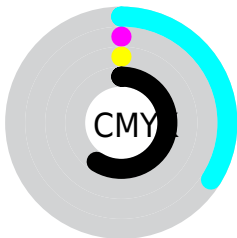
Blue (41%)



Red (27%)

Yellow (34%)

Blue (41%)

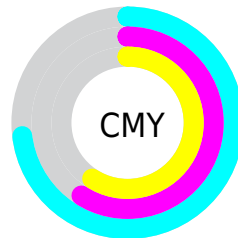


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456868 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 456868 by changing the saturation by 10% instead.

456868

456868

FFFFFF

2D5050

779B9B

163939

91B6B6

002324

ACD2D1

000B0E

C7EEEE

000000

E4FFFF

456868

456868

3B6868

4F6868

306868

5A6868

■ 266868

■ 646868

■ 1B6868

■ 6F6868

■ 116868

■ 796868

■ 076868

■ 836868

■ 006868

■ 8E6868

■ 986868

■ A36868

Harmonies

Analogous

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



4C685D



456868



466771

Triad

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



456868



6B5D70



6E604D

Complementary

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



456868



684545

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.



765C52



456868



755B67

Square

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



456868



5E6176



785A5C



63634D

Rectangle

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



456868



4C6575



785A5C



715E4E

Sweetspot

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



456868



7A8787



456845



3D4545



C4C4C4



454545

Same Dimension

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



456868



518787



455768



2E3333



007373



00F2F2

Inverse Universe

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



684568



875187



685745



332E33



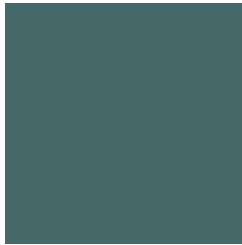
730073



F200F2

Previews

White Background



This preview shows how the Hex color 456868 looks on a white background.

Color Contrast Check

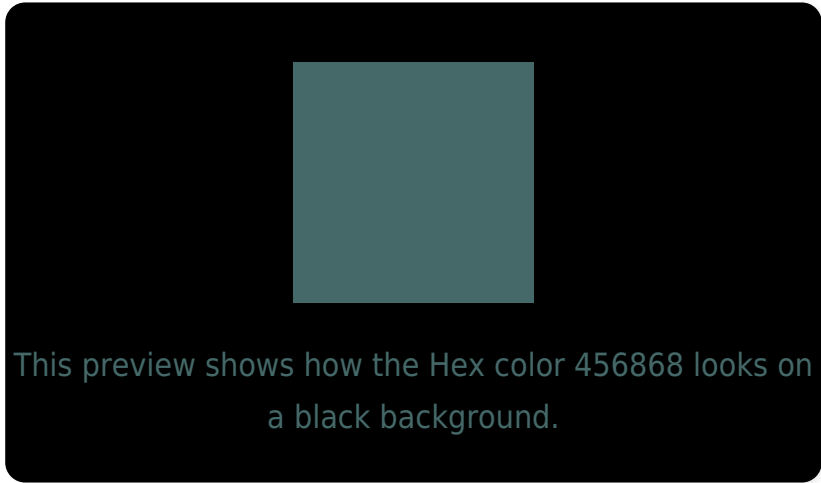
Large Text (above 18pt) WCAG AA ✓ Pass

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

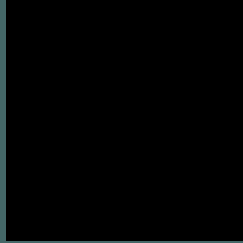
Any Text WCAG AA × Fail

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 456868 Background



This preview shows how black text looks on a background with the Hex color 456868.

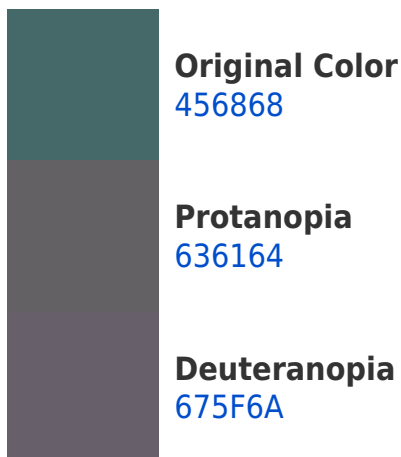



This preview shows how white text looks on a background with the Hex color 456868.

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](#).

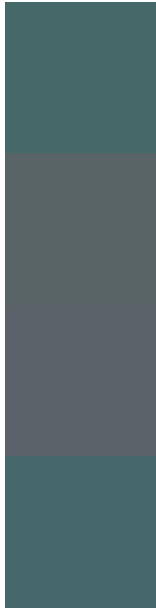
Dichromacy





Tritanopia
47676F

Trichromacy



Original Color
456868

Protanomaly
586465

Deuteranomaly
5B6269

Tritanomaly
46676C

Monochromacy



Original Color
456868

Achromatopsia
5E5E5E

Achromatomaly
556262

CSS Examples

Text

The CSS property to change the color of the text to Hex 456868 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 #456868 looks like.

```
.text, #text, p{  
    color:#456868  
}
```

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 #456868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456868
}
```

Border

The CSS property to change the border of an element to Hex 456868 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
#456868 }
```

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

```
.border{ border-color:#456868 }
```

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

Here you see how a box with a 4 pixel #456868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456868; -webkit-box-shadow:4px 4px  
4px 4px #456868; box-shadow:4px 4px 4px  
4px #456868 }
```

Background

The CSS property to change the background color of an element to Hex 456868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456868 }
```

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

```
.background{ background-color:#456868 }
```

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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