

Converting Colors

Decimal(5006954)

Have a look what the booklet for
Decimal(5006954) contains.

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Color

Decimal(5006954)

Conversions

Conversions Part 1

Format	Color
Hex	4C666A
RGB	76, 102, 106
RGB Percent	30%, 40%, 42%
CMY	0.7020, 0.6000, 0.5843
CMYK	0.28, 0.04, 0.00, 0.58
HSL	188°, 16%, 36%
HSV	188°, 28%, 42%
XYZ	10.3334, 12.0798, 15.4227
YIQ	94.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

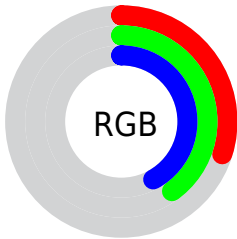
Format	Color
RYB	76, 90, 106
Decimal	5006954
CIELab	41.34, -8.53, -5.39
CIELCh	41, 10.089, 212.280
Yxy	12.0798, 0.2731, 0.3193
Android (android.graphics.Color)	4283197034 (0xFF4C666A)
YUV	94.6820, 5.5798, -16.3841
Hunter-Lab	34.7561, -7.7530, -1.9801

Details

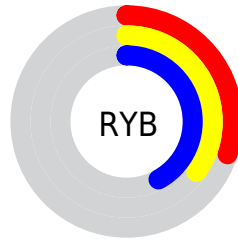
The Decimal color **5006954** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6967372**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **8296861**, and **1980219** is the 20% darker color. If you saturate the color by 10%, you get **4285802**, and if you desaturate by 10%, it is **5728106**.

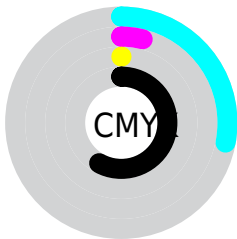
Distribution



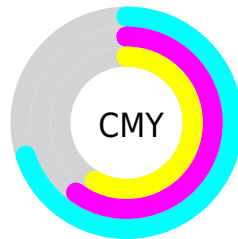
- Red (30%)
- Green (40%)
- Blue (42%)



- Red (30%)
- Yellow (35%)
- Blue (42%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5006954 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 Decimal color 5006954 by changing the saturation by 10% instead.

■ 5006954

■ 5006954

16777215

■ 3493458

■ 8296861

■ 1980219

■ 10007736

■ 467493

■ 11784148

■ 2576

■ 13626608

■ 0

■ 15466495

■ 5006954

■ 5006954

■ 4285802

■ 5728106

■ 3629930

■ 6383978

■ 2908778

■ 7105130

■ 2252906

■ 7761002

■ 1531754

■ 8482154

■ 810602

■ 9203306

■ 154730

■ 9859178

■ 23658

■ 10580330

■ 11236202

Harmonies

Analogous

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



5138018



5006954



5268592

Triad

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



5006954



7167337



6840657

Complementary

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



5006954



6967372

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.



7298643



5006954



7494753

Square

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



5006954



6578031



7560281



6186067

Rectangle

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



5006954



5661554



7560281



6971473

Sweetspot

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



5006954



8358026



5007952



4080709



12895428



4539717

Same Dimension

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



5006954



5997450



5003114



3159350



26229



54517

Inverse Universe

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



6966374



9067395



6971212



3551285



7667814



16056532

Previews

White Background



This preview shows how the Decimal color 5006954 looks on a white background.

Color Contrast Check

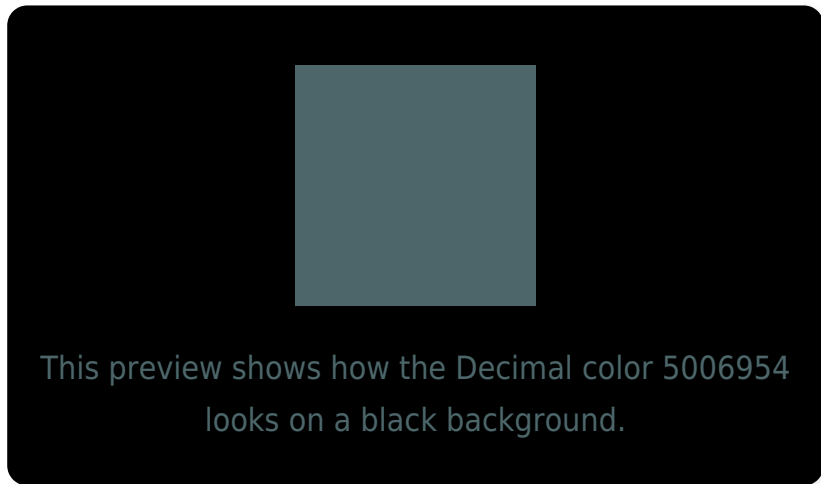
Large Text (above 18pt) WCAG AA ✓ Pass

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

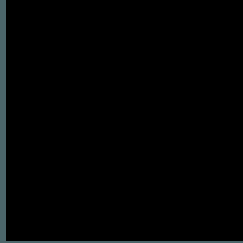
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

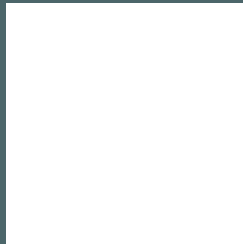
Any Text WCAG AAA × Fail

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

Decimal 5006954 Background



This preview shows how black text looks on a background with the Decimal color 5006954.

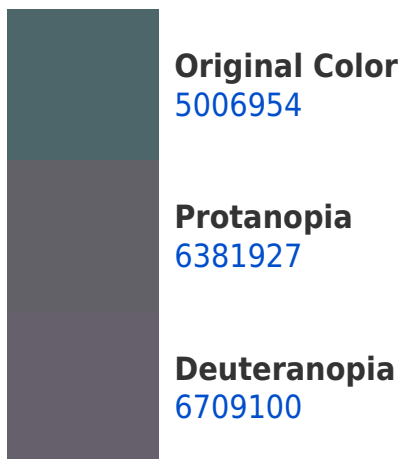


This preview shows how white text looks on a background with the Decimal color 5006954.

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



Trichromacy



Original Color

5006954

Protanomaly

5858152

Deuteranomaly

6120043

Tritanomaly

5072237

Monochromacy



Original Color

5006954

Achromatopsia

6250335

Achromatomaly

5792355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5006954 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 #4C666A looks like.

```
.text, #text, p{  
    color:#4C666A  
}
```

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 #4C666A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C666A
}
```

Border

The CSS property to change the border of an element to Decimal 5006954 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
#4C666A }
```

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

```
.border{ border-color:#4C666A }
```

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

Here you see how a box with a 4 pixel #4C666A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C666A; -webkit-box-shadow:4px 4px  
4px 4px #4C666A; box-shadow:4px 4px 4px  
4px #4C666A }
```

Background

The CSS property to change the background color of an element to Decimal 5006954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C666A }
```

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

```
.background{ background-color:#4C666A }
```

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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