

Converting Colors

Decimal(5004123)

Have a look what the booklet for
Decimal(5004123) contains.

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Color

Decimal(5004123)

Conversions

Conversions Part 1

Format	Color
Hex	4C5B5B
RGB	76, 91, 91
RGB Percent	30%, 36%, 36%
CMY	0.7020, 0.6431, 0.6431
CMYK	0.16, 0.00, 0.00, 0.64
HSL	180°, 9%, 33%
HSV	180°, 16%, 36%
XYZ	8.6099, 9.7740, 11.3303
YIQ	86.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

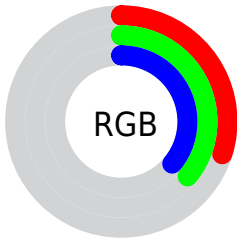
Format	Color
R_YB	76, 84, 91
Decimal	5004123
CIE Lab	37.43, -5.76, -1.94
CIE LCh	37, 6.082, 198.644
Yxy	9.7740, 0.2898, 0.3289
Android (android.graphics.Color)	4283194203 (0xFF4C5B5B)
YUV	86.5150, 2.2111, -9.2217
Hunter-Lab	31.2634, -5.5523, 0.3968

Details

The Decimal color **5004123** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5983308**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8228237**, and **2108717** is the 20% darker color. If you saturate the color by 10%, you get **4414299**, and if you desaturate by 10%, it is **5593947**.

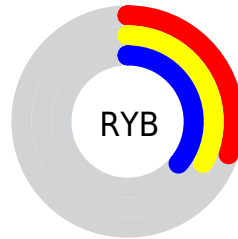
Distribution



Red (30%)

Green (36%)

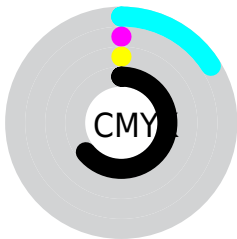
Blue (36%)



Red (30%)

Yellow (33%)

Blue (36%)

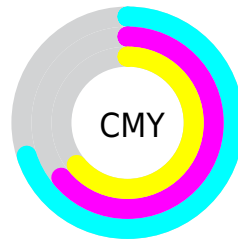


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5004123 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 5004123 by changing the saturation by 10% instead.

■ 5004123

■ 5004123

16777215

■ 3490884

■ 8228237

■ 2108717

■ 9939111

■ 661785

■ 11715523

■ 0

■ 13492191

■ 15399931

■ 5004123

■ 5004123

■ 4414299

■ 5593947

■ 3824475

■ 6183771

■ 3234651

■ 6773595

■ 2644827

■ 7363419

■ 2055003

■ 8018779

■ 1399643

■ 8608603

■ 809819

■ 9198427

■ 219995

■ 9788251

■ 23387

■ 10378075

Harmonies

Analogous

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



5135190



5004123



5069407

Triad

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



5004123



6116959



6182735

Complementary

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



5004123



5983308

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.



6444625



5004123



6378842

Square

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



5004123



5724001



6509909



5855567

Rectangle

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



5004123



5200481



6509909



6313807

Sweetspot

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



5004123



7304565



5004108



3619643



12237498



3881787

Same Dimension

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



5004123



6190453



5002331



2698798



28270



60909

Inverse Universe

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



5983323



7691893



5985356



3025198



7209070



15532269

Previews

White Background



This preview shows how the Decimal color 5004123 looks on a white background.

Color Contrast Check

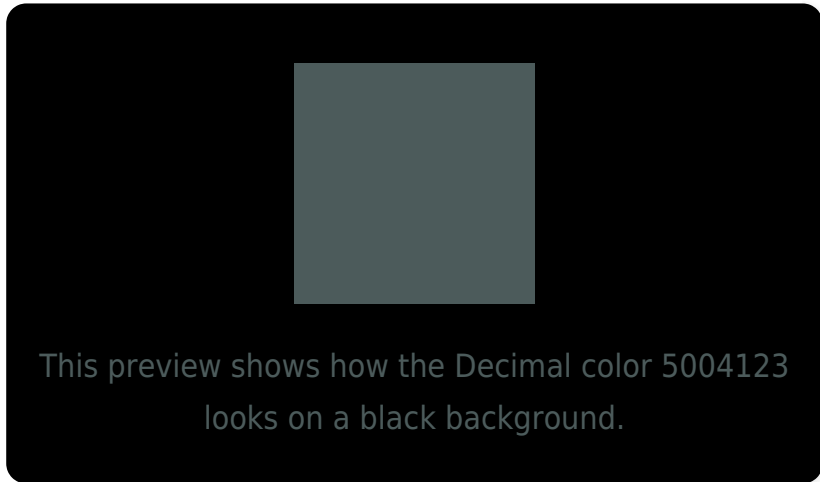
Large Text (above 18pt) WCAG AA ✓ Pass

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

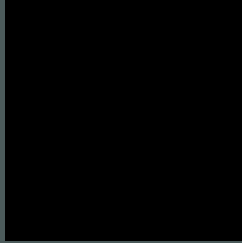
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

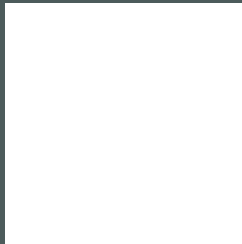
Any Text WCAG AAA × Fail

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

Decimal 5004123 Background



This preview shows how black text looks on a background with the Decimal color 5004123.



This preview shows how white text looks on a background with the Decimal color 5004123.

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
5004123

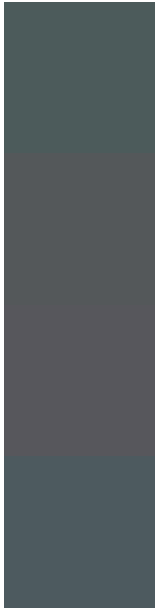
Protanopia
5855065

Deuteranopia
6182236



Tritanopia
5069409

Trichromacy



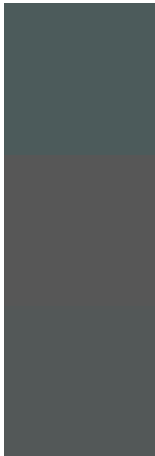
Original Color
5004123

Protanomaly
5527642

Deuteranomaly
5723996

Tritanomaly
5069407

Monochromacy



Original Color
5004123

Achromatopsia
5723991

Achromatomaly
5462104

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5004123 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 #4C5B5B looks like.

```
.text, #text, p{  
    color:#4C5B5B  
}
```

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 #4C5B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5B5B
}
```

Border

The CSS property to change the border of an element to Decimal 5004123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

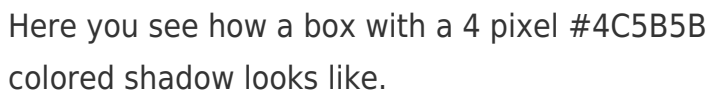
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5B5B }
```

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

```
.border{ border-color:#4C5B5B }
```

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



Here you see how a box with a 4 pixel #4C5B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5B5B; -webkit-box-shadow:4px 4px  
4px 4px #4C5B5B; box-shadow:4px 4px 4px  
4px #4C5B5B }
```

Background

The CSS property to change the background color of an element to Decimal 5004123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5B5B }
```

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

```
.background{ background-color:#4C5B5B }
```

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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