

Converting Colors

Decimal(5004139)

Have a look what the booklet for
Decimal(5004139) contains.

Decimal(5004139)	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

Decimal(5004139)

Conversions

Conversions Part 1

Format	Color
Hex	4C5B6B
RGB	76, 91, 107
RGB Percent	30%, 36%, 42%
CMY	0.7020, 0.6431, 0.5804
CMYK	0.29, 0.15, 0.00, 0.58
HSL	211°, 17%, 36%
HSV	211°, 29%, 42%
XYZ	9.3754, 10.0802, 15.3615
YIQ	88.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

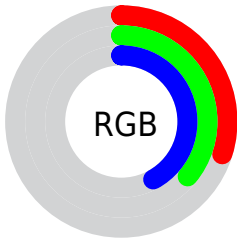
Format	Color
R_{YB}	76, 86, 107
Decimal	5004139
CIE Lab	37.99, -1.68, -11.04
CIE LCh	38, 11.164, 261.366
Yxy	10.0802, 0.2693, 0.2895
Android (android.graphics.Color)	4283194219 (0xFF4C5B6B)
YUV	88.3390, 9.1999, -10.8213
Hunter-Lab	31.7493, -2.8512, -6.4621

Details

The Decimal color **5004139** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7035980**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **8293790**, and **1977660** is the 20% darker color. If you saturate the color by 10%, you get **4281707**, and if you desaturate by 10%, it is **5726571**.

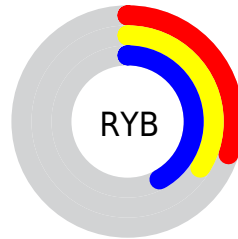
Distribution



Red (30%)

Green (36%)

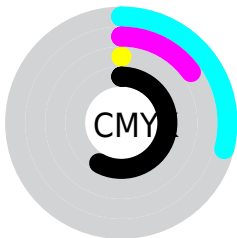
Blue (42%)



Red (30%)

Yellow (34%)

Blue (42%)

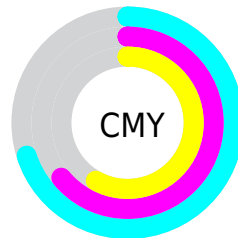


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (58%)



Cyan (70%)

Magenta (64%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5004139 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 5004139 by changing the saturation by 10% instead.

■ 5004139

■ 5004139

16777215

■ 3490899

■ 8293790

■ 1977660

■ 10004409

■ 530726

■ 11781077

■ 273

■ 13557745

■ 0

■ 15465471

■ 5004139

■ 5004139

■ 4281707

■ 5726571

■ 3625067

■ 6383211

■ 2902635

■ 7105643

■ 2180459

■ 7827819

■ 1458027

■ 8550251

■ 801387

■ 9206891

■ 78955

■ 9929323

■ 13419

■ 10651499

■ 11308395

Harmonies

Analogous

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



4414823



5004139



5789802

Triad

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



5004139



7099219



5201230

Complementary

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



5004139



7035980

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.



5921609



5004139



6968652

Square

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



5004139



6968156



6510664



4611670

Rectangle

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



5004139



6248039



6510664



5463372

Sweetspot

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



5004139



8423052



5008220



4211527



13092807



4671303

Same Dimension

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



5004139



5993356



5000299



3158838



14709



30453

Inverse Universe

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



7031899



9198451



7039820



3551283



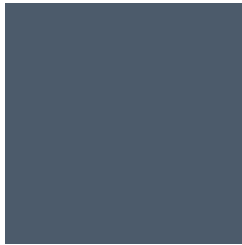
7667769



16056438

Previews

White Background



This preview shows how the Decimal color 5004139 looks on a white background.

Color Contrast Check

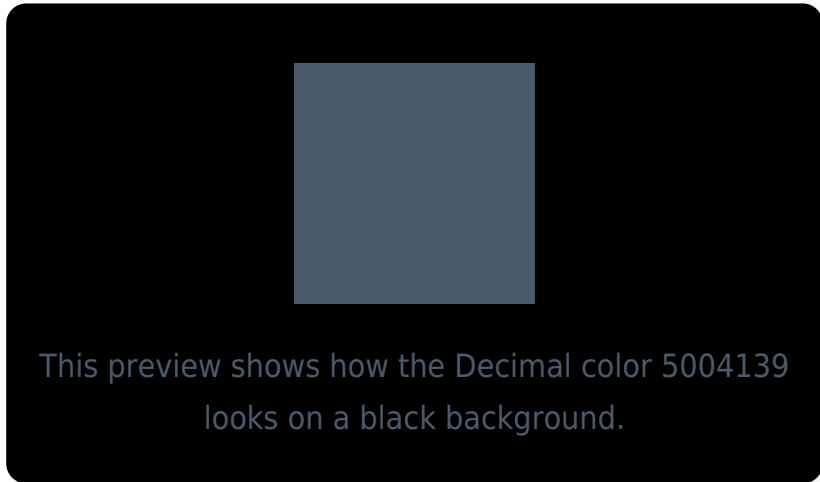
Large Text (above 18pt) WCAG AA ✓ Pass

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

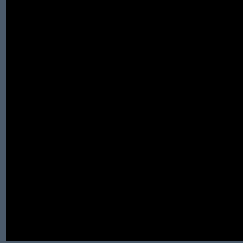
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

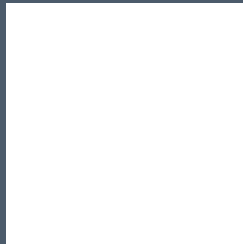
Any Text WCAG AAA × Fail

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

Decimal 5004139 Background



This preview shows how black text looks on a background with the Decimal color 5004139.



This preview shows how white text looks on a background with the Decimal color 5004139.

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
5004139

Protanopia
5658729

Deuteranopia
5855084



Tritanopia
4873316

Trichromacy



Original Color

5004139

Protanomaly

5396842

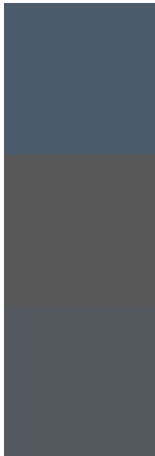
Deuteranomaly

5527660

Tritanomaly

4938855

Monochromacy



Original Color

5004139

Achromatopsia

5789784

Achromatomaly

5527903

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5004139 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 #4C5B6B looks like.

```
.text, #text, p{  
    color:#4C5B6B  
}
```

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 #4C5B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5B6B
}
```

Border

The CSS property to change the border of an element to Decimal 5004139 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
#4C5B6B }
```

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

```
.border{ border-color:#4C5B6B }
```

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

Here you see how a box with a 4 pixel #4C5B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5B6B; -webkit-box-shadow:4px 4px  
4px 4px #4C5B6B; box-shadow:4px 4px 4px  
4px #4C5B6B }
```

Background

The CSS property to change the background color of an element to Decimal 5004139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5B6B }
```

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

```
.background{ background-color:#4C5B6B }
```

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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