

Converting Colors

Decimal(5132631)

Have a look what the booklet for
Decimal(5132631) contains.

Decimal(5132631)	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(5132631)

Conversions

Conversions Part 1

Format	Color
Hex	4E5157
RGB	78, 81, 87
RGB Percent	31%, 32%, 34%
CMY	0.6941, 0.6824, 0.6588
CMYK	0.10, 0.07, 0.00, 0.66
HSL	220°, 5%, 32%
HSV	220°, 10%, 34%
XYZ	7.8046, 8.1927, 10.1868
YIQ	80.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

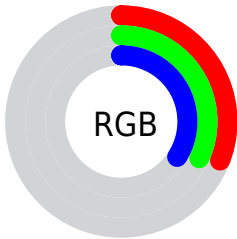
Format	Color
R_{YB}	78, 80, 87
Decimal	5132631
CIE _{Lab}	34.38, 0.16, -3.93
CIE _{LCh}	34, 3.933, 272.398
Yxy	8.1927, 0.2981, 0.3129
Android (android.graphics.Color)	4283322711 (0xFF4E5157)
YUV	80.7870, 3.0630, -2.4442
Hunter-Lab	28.6229, -1.4183, -1.0652

Details

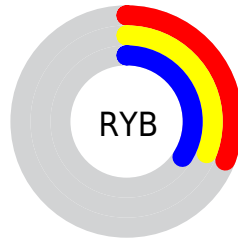
The Decimal color **5132631** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5723214**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **8356489**, and **2237738** is the 20% darker color. If you saturate the color by 10%, you get **4541271**, and if you desaturate by 10%, it is **5723991**.

Distribution



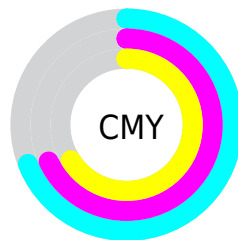
- Red (31%)
- Green (32%)
- Blue (34%)



- Red (31%)
- Yellow (31%)
- Blue (34%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5132631 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 5132631 by changing the saturation by 10% instead.

■ 5132631

■ 5132631

16777215

■ 3619392

■ 8356489

■ 2237738

■ 10067107

■ 790293

■ 11843518

■ 0

■ 13620186

■ 15527926

■ 5132631

■ 5132631

■ 4541271

■ 5723991

■ 4015447

■ 6249815

■ 3424343

■ 6840919

■ 2832983

■ 7432279

■ 2307159

■ 8023639

■ 1715799

■ 8549463

■ 1124439

■ 9140823

■ 533335

■ 9731927

■ 7511

■ 10257751

Harmonies

Analogous

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



4936278



5132631



5394518

Triad

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



5132631



5787470



5001806

Complementary

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



5132631



5723214

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.



5263948



5132631



5656651

Square

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



5132631



5721937



5460299



4870993

Rectangle

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



5132631



5525333



5460299



5067341

Sweetspot

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



5132631



7171696



5134164



3553080



12105912



3684408

Same Dimension

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



5132631



6514544



5262935



2566187



9323



20203

Inverse Universe

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



5721681



7365479



5658446



2828072



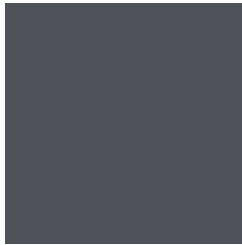
7012388



15401038

Previews

White Background



This preview shows how the Decimal color 5132631 looks on a white background.

Color Contrast Check

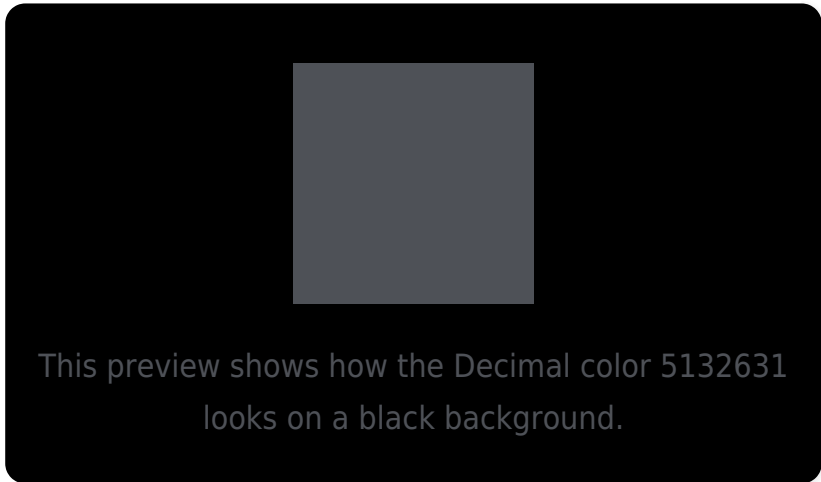
Large Text (above 18pt) WCAG AA ✓ Pass

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

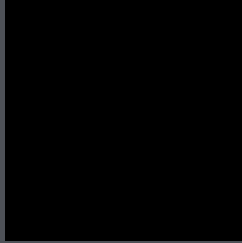
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

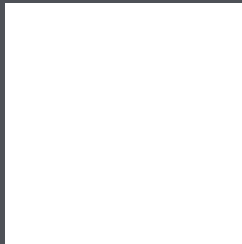
Any Text WCAG AAA × Fail

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

Decimal 5132631 Background



This preview shows how black text looks on a background with the Decimal color 5132631.

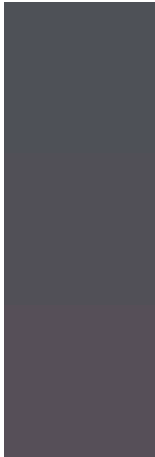


This preview shows how white text looks on a background with the Decimal color 5132631.

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](#).

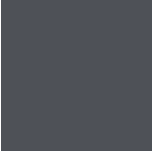
Dichromacy



Original Color
5132631

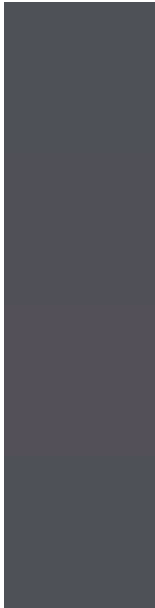
Protanopia
5328983

Deuteranopia
5656408



Tritanopia
5132631

Trichromacy



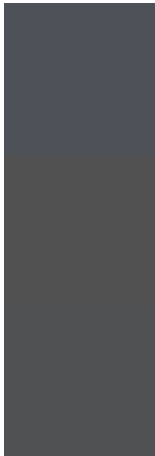
Original Color
5132631

Protanomaly
5263447

Deuteranomaly
5460056

Tritanomaly
5132631

Monochromacy



Original Color
5132631

Achromatopsia
5329233

Achromatomaly
5263699

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5132631 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 #4E5157 looks like.

```
.text, #text, p{  
    color:#4E5157  
}
```

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 #4E5157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5157  
}
```

Border

The CSS property to change the border of an element to Decimal 5132631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

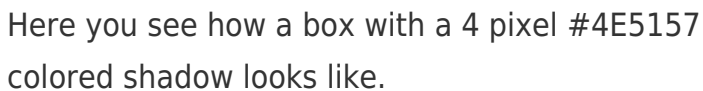
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E5157 }
```

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

```
.border{ border-color:#4E5157 }
```

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



Here you see how a box with a 4 pixel #4E5157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5157; -webkit-box-shadow:4px 4px  
4px 4px #4E5157; box-shadow:4px 4px 4px  
4px #4E5157 }
```

Background

The CSS property to change the background color of an element to Decimal 5132631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5157 }
```

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

```
.background{ background-color:#4E5157 }
```

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