

Converting Colors

Decimal(5004632)

Have a look what the booklet for
Decimal(5004632) contains.

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Color

Decimal(5004632)

Conversions

Conversions Part 1

Format	Color
Hex	4C5D58
RGB	76, 93, 88
RGB Percent	30%, 36%, 35%
CMY	0.7020, 0.6353, 0.6549
CMYK	0.18, 0.00, 0.05, 0.64
HSL	162°, 10%, 33%
HSV	162°, 18%, 36%
XYZ	8.6563, 10.0698, 10.7199
YIQ	87.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

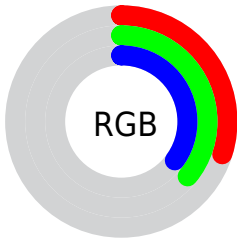
Format	Color
R_{YB}	76, 86, 93
Decimal	5004632
CIE Lab	37.97, -7.66, 0.70
CIE LCh	38, 7.692, 174.806
Yxy	10.0698, 0.2940, 0.3420
Android (android.graphics.Color)	4283194712 (0xFF4C5D58)
YUV	87.3470, 0.3219, -9.9513
Hunter-Lab	31.7329, -6.8403, 2.1838

Details

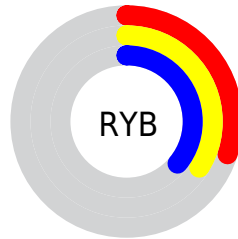
The Decimal color **5004632** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6114385**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8228746**, and **2109227** is the 20% darker color. If you saturate the color by 10%, you get **4414805**, and if you desaturate by 10%, it is **5594459**.

Distribution



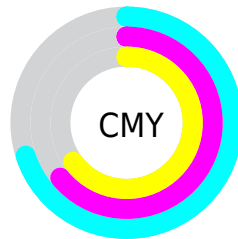
- Red (30%)
- Green (36%)
- Blue (35%)



- Red (30%)
- Yellow (34%)
- Blue (36%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (64%)



- Cyan (70%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5004632 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 5004632 by changing the saturation by 10% instead.

■ 5004632

■ 5004632

16777215

■ 3491137

■ 8228746

■ 2109227

■ 9939620

■ 662038

■ 11716031

■ 0

■ 13492699

■ 15400695

■ 5004632

■ 5004632

■ 4414805

■ 5594459

■ 3759443

■ 6249821

■ 3169616

■ 6839648

■ 2579789

■ 7429475

■ 1924426

■ 8019302

■ 1334600

■ 8674664

■ 744773

■ 9264491

■ 154946

■ 9854318

■ 23874

■ 10509681

Harmonies

Analogous

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



5397586



5004632



4873566

Triad

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



5004632



5855333



6641487

Complementary

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



5004632



6114385

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.



6772052



5004632



6379105

Square

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



5004632



5331558



6640987



6314317

Rectangle

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



5004632



4873314



6640987



6706769

Sweetspot

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



5004632



7501942



5332300



3816764



12434877



4013373

Same Dimension

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



5004632



6125680



5003869



2698797



28237



60839

Inverse Universe

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



6114385



7888229



6115148



3025195



7208992



15532102

Previews

White Background



This preview shows how the Decimal color 5004632 looks on a white background.

Color Contrast Check

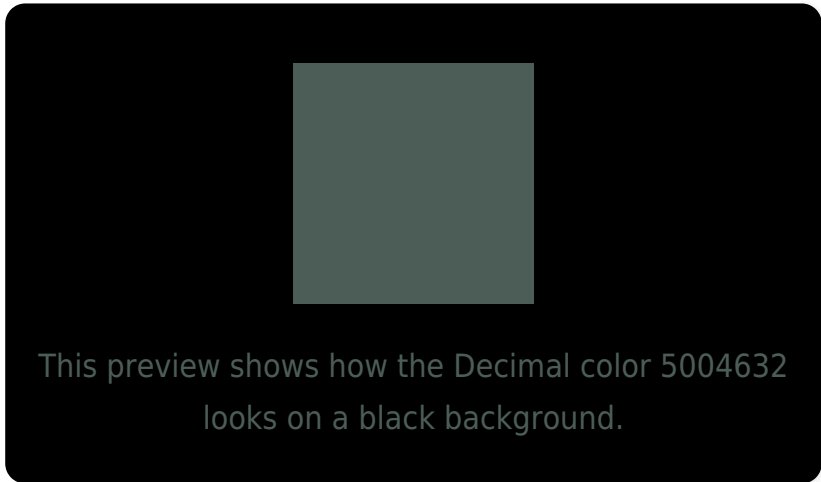
Large Text (above 18pt) WCAG AA ✓ Pass

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

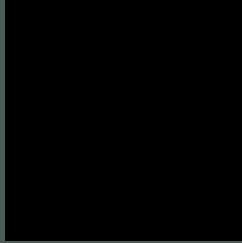
Any Text WCAG AA × Fail

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 5004632 Background



This preview shows how black text looks on a background with the Decimal color 5004632.



This preview shows how white text looks on a background with the Decimal color 5004632.

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](#).

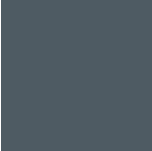
Dichromacy



Original Color
5004632

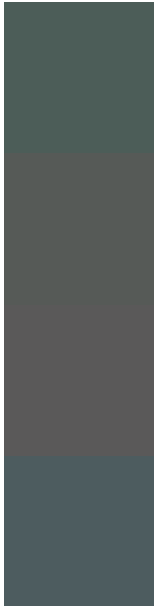
Protanopia
6052182

Deuteranopia
6444633



Tritanopia
5135203

Trichromacy



Original Color

5004632

Protanomaly

5659223

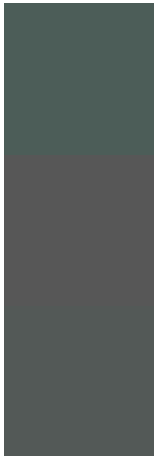
Deuteranomaly

5921113

Tritanomaly

5069919

Monochromacy



Original Color

5004632

Achromatopsia

5723991

Achromatomaly

5462359

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5004632 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 #4C5D58 looks like.

```
.text, #text, p{  
  color:#4C5D58  
}
```

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 #4C5D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5D58
}
```

Border

The CSS property to change the border of an element to Decimal 5004632 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
#4C5D58 }
```

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

```
.border{ border-color:#4C5D58 }
```

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

Here you see how a box with a 4 pixel #4C5D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5D58; -webkit-box-shadow:4px 4px  
4px 4px #4C5D58; box-shadow:4px 4px 4px  
4px #4C5D58 }
```

Background

The CSS property to change the background color of an element to Decimal 5004632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5D58 }
```

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

```
.background{ background-color:#4C5D58 }
```

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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