

Converting Colors

Decimal(4673362)

Have a look what the booklet for
Decimal(4673362) contains.

Decimal(4673362)	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(4673362)

Conversions

Conversions Part 1

Format	Color
Hex	474F52
RGB	71, 79, 82
RGB Percent	28%, 31%, 32%
CMY	0.7216, 0.6902, 0.6784
CMYK	0.13, 0.04, 0.00, 0.68
HSL	196°, 7%, 30%
HSV	196°, 13%, 32%
XYZ	6.9175, 7.5408, 9.0736
YIQ	76.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

Format	Color
R_{YB}	71, 76, 82
Decimal	4673362
CIE _{Lab}	33.01, -2.48, -2.86
CIE _{LCh}	33, 3.789, 229.061
Yxy	7.5408, 0.2940, 0.3204
Android (android.graphics.Color)	4282863442 (0xFF474F52)
YUV	76.9500, 2.4896, -5.2182
Hunter-Lab	27.4604, -3.0902, -0.3685

Details

The Decimal color **4673362** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5392967**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7831683**, and **1778469** is the 20% darker color. If you saturate the color by 10%, you get **4148562**, and if you desaturate by 10%, it is **5198162**.

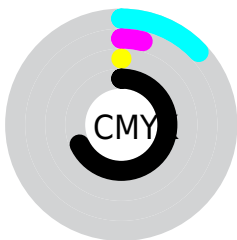
Distribution



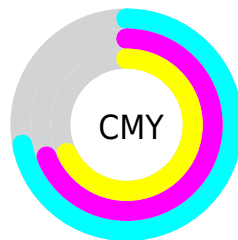
- Red (28%)
- Green (31%)
- Blue (32%)



- Red (28%)
- Yellow (30%)
- Blue (32%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (68%)



- Cyan (72%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4673362 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 4673362 by changing the saturation by 10% instead.

■ 4673362

■ 4673362

16777215

■ 3225659

■ 7831683

■ 1778469

■ 9542301

■ 68881

■ 11318712

■ 0

■ 13095124

■ 14937584

■ 4673362

■ 4673362

■ 4148562

■ 5198162

■ 3623762

■ 5722962

■ 3033170

■ 6313554

■ 2508370

■ 6838354

■ 1983570

■ 7363154

■ 1458770

■ 7887954

■ 933714

■ 8413010

■ 343378

■ 9003346

■ 15442

■ 9528146

Harmonies

Analogous

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



4607823



4673362



4804179

Triad

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



4673362



5459023



5131848

Complementary

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



4673362



5392967

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.



5328200



4673362



5524556

Square

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



4673362



5327954



5524553



4935498

Rectangle

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



4673362



5000787



5524553



5197384

Sweetspot

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



4673362



6777451



4674122



3355958



11908533



3552822

Same Dimension

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



4673362



5924459



4672082



2435113



19561



43496

Inverse Universe

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



5392207



7035494



5394247



2696488



6881356



15204521

Previews

White Background



This preview shows how the Decimal color 4673362 looks on a white background.

Color Contrast Check

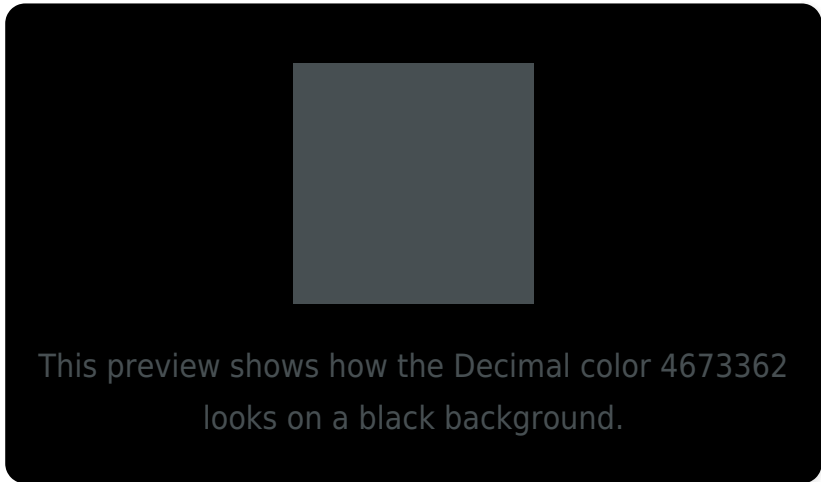
Large Text (above 18pt) WCAG AA ✓ Pass

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

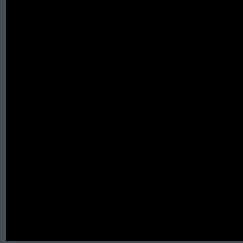
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

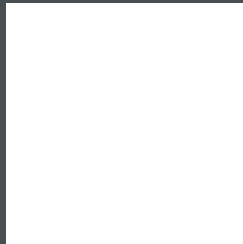
Any Text WCAG AAA × Fail

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

Decimal 4673362 Background



This preview shows how black text looks on a background with the Decimal color 4673362.



This preview shows how white text looks on a background with the Decimal color 4673362.

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
4673362

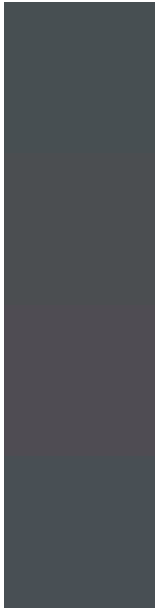
Protanopia
5131601

Deuteranopia
5458771



Tritanopia
4738901

Trichromacy



Original Color

4673362

Protanomaly

4935249

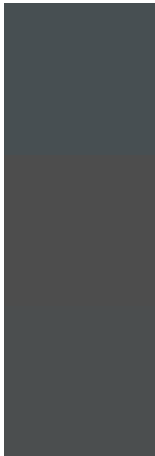
Deuteranomaly

5196883

Tritanomaly

4738900

Monochromacy



Original Color

4673362

Achromatopsia

5066061

Achromatomaly

4935247

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4673362 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 #474F52 looks like.

```
.text, #text, p{  
    color:#474F52  
}
```

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 #474F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474F52
}
```

Border

The CSS property to change the border of an element to Decimal 4673362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

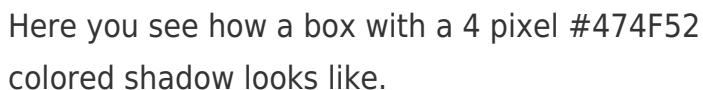
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474F52 }
```

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

```
.border{ border-color:#474F52 }
```

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



Here you see how a box with a 4 pixel #474F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474F52; -webkit-box-shadow:4px 4px  
4px 4px #474F52; box-shadow:4px 4px 4px  
4px #474F52 }
```

Background

The CSS property to change the background color of an element to Decimal 4673362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474F52 }
```

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

```
.background{ background-color:#474F52 }
```

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