

Converting Colors

Decimal(4672091)

Have a look what the booklet for
Decimal(4672091) contains.

Decimal(4672091)	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(4672091)

Conversions

Conversions Part 1

Format	Color
Hex	474A5B
RGB	71, 74, 91
RGB Percent	28%, 29%, 36%
CMY	0.7216, 0.7098, 0.6431
CMYK	0.22, 0.19, 0.00, 0.64
HSL	231°, 12%, 32%
HSV	231°, 22%, 36%
XYZ	6.9356, 6.9925, 10.8817
YIQ	75.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

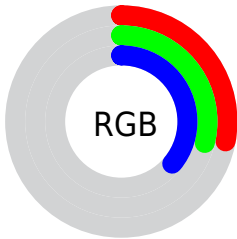
Format	Color
R_YB	71, 74, 91
Decimal	4672091
CIE Lab	31.79, 2.95, -10.42
CIE LCh	32, 10.826, 285.804
Yxy	6.9925, 0.2796, 0.2818
Android (android.graphics.Color)	4282862171 (0xFF474A5B)
YUV	75.0410, 7.8678, -3.5440
Hunter-Lab	26.4433, 0.5418, -5.8881

Details

The Decimal color **4672091** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5986375**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **7895949**, and **1777197** is the 20% darker color. If you saturate the color by 10%, you get **4080219**, and if you desaturate by 10%, it is **5263963**.

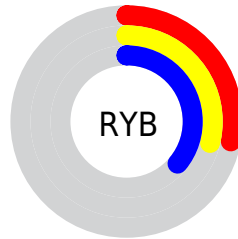
Distribution



Red (28%)

Green (29%)

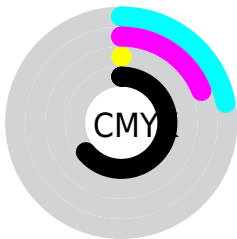
Blue (36%)



Red (28%)

Yellow (29%)

Blue (36%)

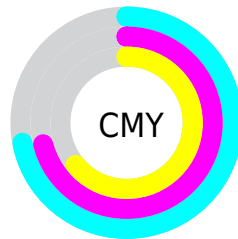


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4672091 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 4672091 by changing the saturation by 10% instead.

■ 4672091

■ 4672091

16777215

■ 3158852

■ 7895949

■ 1777197

■ 9540776

■ 132377

■ 11317187

■ 0

■ 13093599

■ 15001339

■ 4672091

■ 4672091

■ 4080219

■ 5263963

■ 3488603

■ 5855579

■ 2896731

■ 6447451

■ 2304859

■ 7039323

■ 1647451

■ 7696731

■ 1055835

■ 8288347

■ 463963

■ 8880219

■ 3675

■ 9472091

■ 10063963

Harmonies

Analogous

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



3951963



4672091



5392215

Triad

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



4672091



5981759



3821382

Complementary

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



4672091



5986375

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.



4410943



4672091



5589307

Square

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



4672091



6047047



5065786



3428431

Rectangle

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



4672091



5719634



5065786



4017988

Sweetspot

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



4672091



7171701



4676440



3553083



12237498



3881787

Same Dimension

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



4672091



5725045



5130075



2697774



4206



9453

Inverse Universe

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



5982026



7690075



5528391



3025194



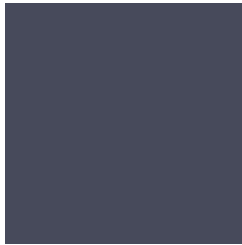
7208976



15532068

Previews

White Background



This preview shows how the Decimal color 4672091 looks on a white background.

Color Contrast Check

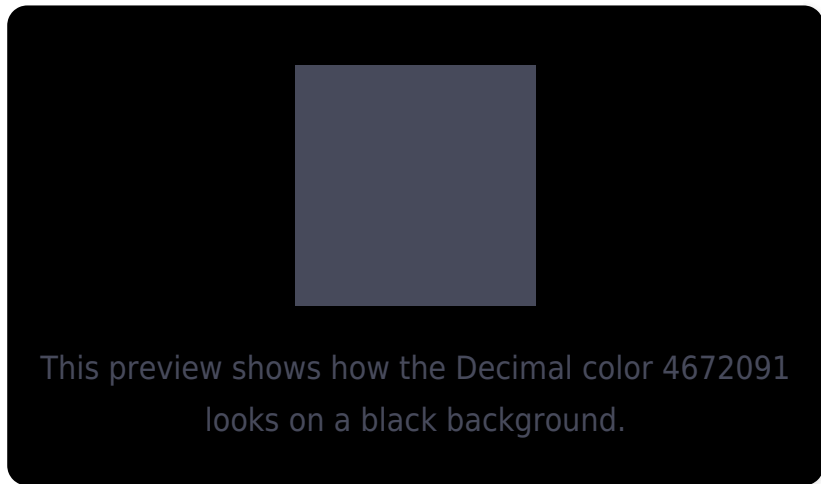
Large Text (above 18pt) WCAG AA ✓ Pass

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

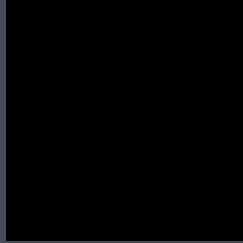
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

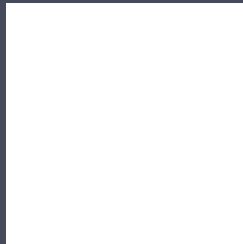
Any Text WCAG AAA × Fail

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

Decimal 4672091 Background



This preview shows how black text looks on a background with the Decimal color 4672091.

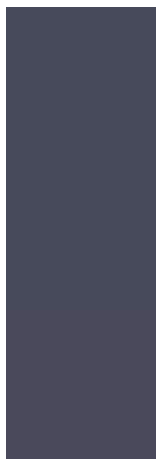


This preview shows how white text looks on a background with the Decimal color 4672091.

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

4672091

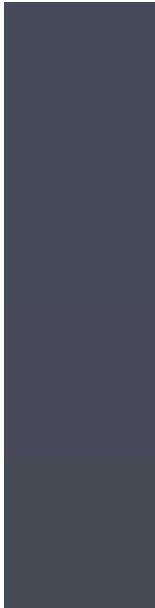
Protanopia

4672091

Deuteranopia

4868443

Trichromacy



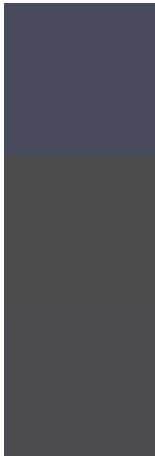
Original Color
4672091

Protanomaly
4672091

Deuteranomaly
4802907

Tritanomaly
4606805

Monochromacy



Original Color
4672091

Achromatopsia
4934475

Achromatomaly
4868945

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4672091 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 #474A5B looks like.

```
.text, #text, p{  
    color:#474A5B  
}
```

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 #474A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A5B
}
```

Border

The CSS property to change the border of an element to Decimal 4672091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

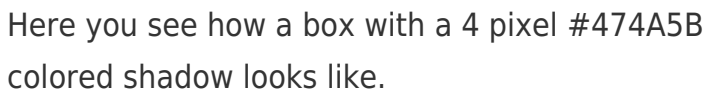
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A5B }
```

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

```
.border{ border-color:#474A5B }
```

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



Here you see how a box with a 4 pixel #474A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A5B; -webkit-box-shadow:4px 4px  
4px 4px #474A5B; box-shadow:4px 4px 4px  
4px #474A5B }
```

Background

The CSS property to change the background color of an element to Decimal 4672091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A5B }
```

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

```
.background{ background-color:#474A5B }
```

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