

Converting Colors

Decimal(4679267)

Have a look what the booklet for
Decimal(4679267) contains.

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Color

Decimal(4679267)

Conversions

Conversions Part 1

Format	Color
Hex	476663
RGB	71, 102, 99
RGB Percent	28%, 40%, 39%
CMY	0.7216, 0.6000, 0.6118
CMYK	0.30, 0.00, 0.03, 0.60
HSL	174°, 18%, 34%
HSV	174°, 30%, 40%
XYZ	9.6020, 11.7432, 13.5650
YIQ	92.3890, -17.5130, -7.5050

Conversions

Conversions Part 2

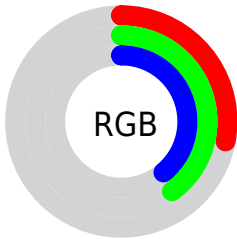
Format	Color
R_{YB}	71, 87, 102
Decimal	4679267
CIE _{Lab}	40.81, -11.98, -1.95
CIE _{LCh}	41, 12.138, 189.240
Yxy	11.7432, 0.2750, 0.3364
Android (android.graphics.Color)	4282869347 (0xFF476663)
YUV	92.3890, 3.2592, -18.7582
Hunter-Lab	34.2683, -9.9536, 0.5182

Details

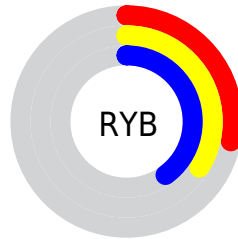
The Decimal color **4679267** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6702922**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **7969174**, and **1652533** is the 20% darker color. If you saturate the color by 10%, you get **4023906**, and if you desaturate by 10%, it is **5334628**.

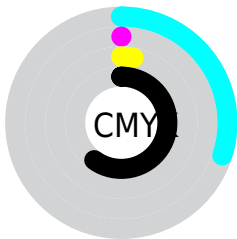
Distribution



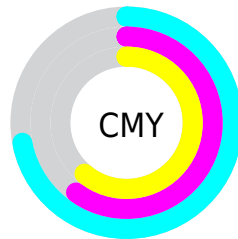
- Red (28%)
- Green (40%)
- Blue (39%)



- Red (28%)
- Yellow (34%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4679267 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 4679267 by changing the saturation by 10% instead.



4679267



4679267

16777215



3165771



7969174



1652533



9680048



205087



11390924



1544



13233384



0



15073279



4679267



4679267



4023906



5334628



3368545



5989989

■ 2647648

■ 6710886

■ 1992287

■ 7366247

■ 1336926

■ 8021608

■ 681565

■ 8676969

■ 26204

■ 9332330

■ 10053227

■ 10708588

Harmonies

Analogous

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



5203289



4679267



4613484

Triad

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



4679267



6708592



7232846

Complementary

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



4679267



6702922

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.



7625300



4679267



7363175

Square

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



4679267



5857396



7690589



6644045

Rectangle

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



4679267



4875377



7690589



7429199

Sweetspot

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



4679267



7964035



4875847



3883586



12763842



4342338

Same Dimension

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



4679267



5604736



4676198



3027763



29544



62171

Inverse Universe

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



6702922



8738137



6705991



3354158



7536651



15859735

Previews

White Background



This preview shows how the Decimal color 4679267 looks on a white background.

Color Contrast Check

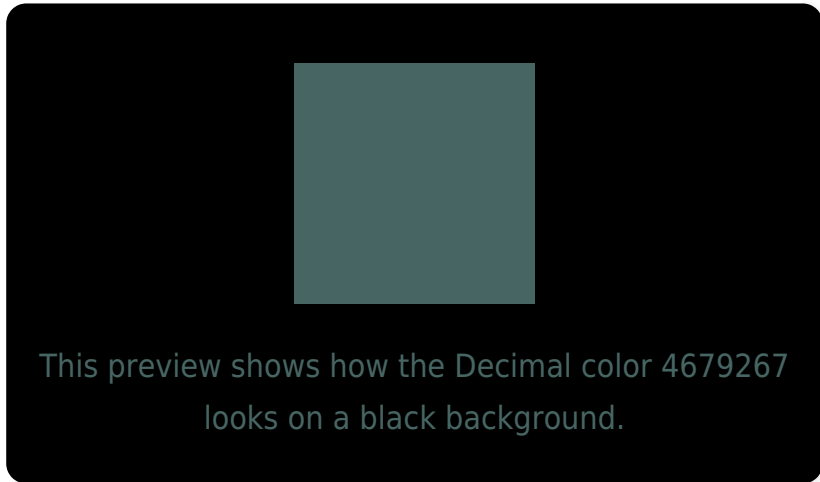
Large Text (above 18pt) WCAG AA ✓ Pass

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

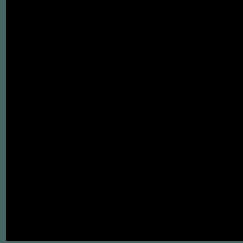
Any Text WCAG AA × Fail

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 4679267 Background



This preview shows how black text looks on a background with the Decimal color 4679267.



This preview shows how white text looks on a background with the Decimal color 4679267.

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


4679267

Protanopia

6446943

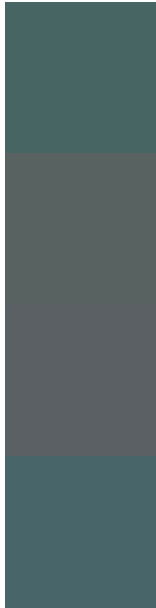
Deuteranopia

6774117



Tritanopia
4810093

Trichromacy



Original Color

4679267

Protanomaly

5792352

Deuteranomaly

5988452

Tritanomaly

4744553

Monochromacy



Original Color

4679267

Achromatopsia

6052956

Achromatomaly

5529695

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4679267 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 #476663 looks like.

```
.text, #text, p{  
    color:#476663  
}
```

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 #476663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476663
}
```

Border

The CSS property to change the border of an element to Decimal 4679267 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
#476663 }
```

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

```
.border{ border-color:#476663 }
```

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

Here you see how a box with a 4 pixel #476663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476663; -webkit-box-shadow:4px 4px  
4px 4px #476663; box-shadow:4px 4px 4px  
4px #476663 }
```

Background

The CSS property to change the background color of an element to Decimal 4679267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476663 }
```

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

```
.background{ background-color:#476663 }
```

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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