

Converting Colors

Decimal(5010279)

Have a look what the booklet for
Decimal(5010279) contains.

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Color

Decimal(5010279)

Conversions

Conversions Part 1

Format	Color
Hex	4C7367
RGB	76, 115, 103
RGB Percent	30%, 45%, 40%
CMY	0.7020, 0.5490, 0.5961
CMYK	0.34, 0.00, 0.10, 0.55
HSL	162°, 20%, 37%
HSV	162°, 34%, 45%
XYZ	11.5594, 14.7772, 15.0750
YIQ	101.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

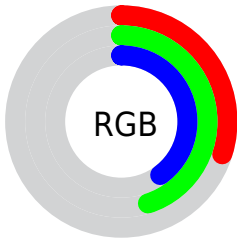
Format	Color
RYB	76, 99, 115
Decimal	5010279
CIELab	45.33, -16.62, 2.27
CIElCh	45, 16.773, 172.216
Yxy	14.7772, 0.2791, 0.3568
Android (android.graphics.Color)	4283200359 (0xFF4C7367)
YUV	101.9710, 0.5073, -22.7766
Hunter-Lab	38.4412, -13.5964, 3.6578




Details

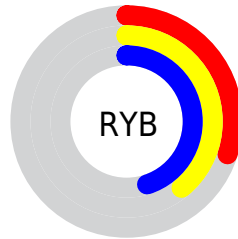
The Decimal color **5010279** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7556184**, and the grayscale version is **6710886**.




A 20% lighter version of the original color is **8300442**, and **1917752** is the 20% darker color. If you saturate the color by 10%, you get **4223843**, and if you desaturate by 10%, it is **5796715**.

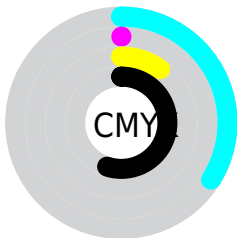
Distribution







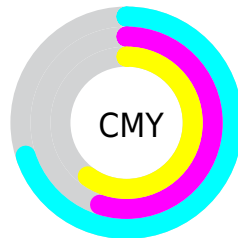
-  Red (30%)
-  Green (45%)
-  Blue (40%)






-  Red (30%)
-  Yellow (39%)
-  Blue (45%)



-  Cyan (34%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (55%)



-  Cyan (70%)
-  Magenta (55%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5010279 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 5010279 by changing the saturation by 10% instead.

■ 5010279

■ 5010279

16777215

■ 3430991

■ 8300442

■ 1917752

■ 10076853

■ 273443

■ 11853520

■ 6413

■ 13695981

■ 0

■ 15532031

■ 5010279

■ 5010279

■ 4223843

■ 5796715

■ 3502944

■ 6517614

■ 2716508

■ 7304050

■ 1995609

■ 8024949

■ 1209173

■ 8811385

■ 488274

■ 9532284

■ 29520

■ 10253184

■ 11039619

■ 11826055

Harmonies

Analogous

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



5992794



5010279



4420469

Triad

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



5010279



6908293



8676694

Complementary

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



5010279



7556184

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.



8938081



5010279



8021117

Square

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



5010279



5664391



8741488



7956816

Rectangle

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



5010279



4485758



8741488



8807257

Sweetspot

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



5010279



8885906



5796684



4410698



13421772



5066061

Same Dimension

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



5010279



5871235



5008499



3488569



31317



64173

Inverse Universe

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



7556184



9853292



7557964



3880247



7995430



16384077

Previews

White Background



This preview shows how the Decimal color 5010279 looks on a white background.

Color Contrast Check

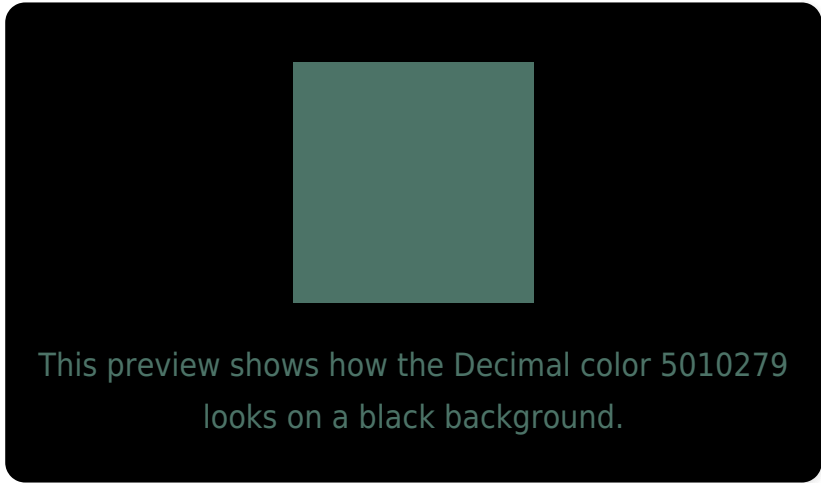
Large Text (above 18pt) WCAG AA ✓ Pass

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

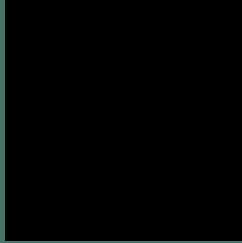
Any Text WCAG AA × Fail

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 5010279 Background



This preview shows how black text looks on a background with the Decimal color 5010279.

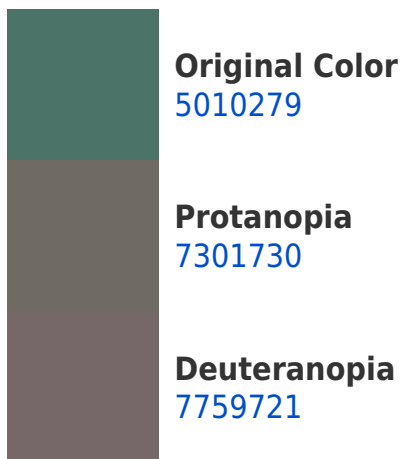


This preview shows how white text looks on a background with the Decimal color 5010279.

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



Trichromacy



Original Color
5010279

Protanomaly
6450532

Deuteranomaly
6777704

Tritanomaly
5206386

Monochromacy



Original Color
5010279

Achromatopsia
6710886

Achromatomaly
6122342

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5010279 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 #4C7367 looks like.

```
.text, #text, p{  
  color:#4C7367  
}
```

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 #4C7367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7367
}
```

Border

The CSS property to change the border of an element to Decimal 5010279 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
#4C7367 }
```

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

```
.border{ border-color:#4C7367 }
```

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

Here you see how a box with a 4 pixel #4C7367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7367; -webkit-box-shadow:4px 4px  
4px 4px #4C7367; box-shadow:4px 4px 4px  
4px #4C7367 }
```

Background

The CSS property to change the background color of an element to Decimal 5010279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7367 }
```

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

```
.background{ background-color:#4C7367 }
```

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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