

Converting Colors

Decimal(4827636)

Have a look what the booklet for
Decimal(4827636) contains.

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Color

Decimal(4827636)

Conversions

Conversions Part 1

Format	Color
Hex	49A9F4
RGB	73, 169, 244
RGB Percent	29%, 66%, 96%
CMY	0.7137, 0.3373, 0.0431
CMYK	0.70, 0.31, 0.00, 0.04
HSL	206°, 89%, 62%
HSV	206°, 70%, 96%
XYZ	33.2648, 36.3241, 90.8460
YIQ	148.8460, -81.2910, 2.9730

Conversions

Conversions Part 2

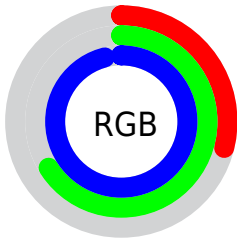
Format	Color
R _Y B	73, 134, 244
Decimal	4827636
CIE Lab	66.77, -4.39, -45.58
CIE LCh	67, 45.793, 264.493
Yxy	36.3241, 0.2073, 0.2264
Android (android.graphics.Color)	4283017716 (0xFF49A9F4)
YUV	148.8460, 46.9109, -66.5169
Hunter-Lab	60.2694, -6.9513, -47.1810

Details

The Decimal color **4827636** is a light color, and the websafe version is hex **6699CC**. The color can be described as light washed azure. A complement of this color would be **16028745**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9167103**, and **30139** is the 20% darker color. If you saturate the color by 10%, you get **3251956**, and if you desaturate by 10%, it is **6403316**.

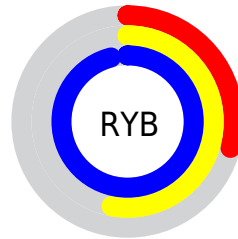
Distribution



Red (29%)

Green (66%)

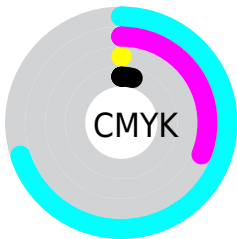
Blue (96%)



Red (29%)

Yellow (53%)

Blue (96%)

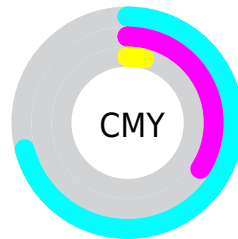


Cyan (70%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4827636 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 4827636 by changing the saturation by 10% instead.

■ 4827636

■ 4827636

16777215

■ 1675223

■ 9167103

■ 30139

■ 11206143

■ 23968

■ 13238271

■ 18054

■ 15269887

■ 12396

■ 7251

■ 1595

■ 549

■ 269

■ 4827636

■ 4827636

■ 3251956

■ 6403316

■ 1610996

■ 8044276

■ 35316

■ 9619956

■ 11261172

■ 12836852

■ 14412276

■ 16053492

■ 16777204

Harmonies

Analogous

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



46053



4827636



10132461

Triad

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



4827636



15762307



6861681

Complementary

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



4827636



16028745

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.



10136149



4827636



14782305

Square

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



4827636



15434156



12754255



964505

Rectangle

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



4827636



12619997



12754255



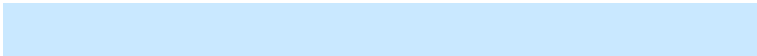
8040550

Sweetspot

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



4827636



13232383



4846739



6320768



0



8421504

Same Dimension

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



4827636



2728447



4805876



7239034



27066



8507

Inverse Universe

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



16009641



16722337



16050505



8023669



12189801



3866657

Previews

White Background



This preview shows how the Decimal color 4827636 looks on a white background.

Color Contrast Check

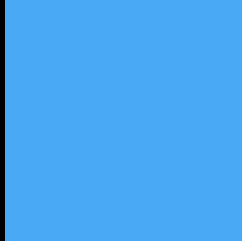
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 4827636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

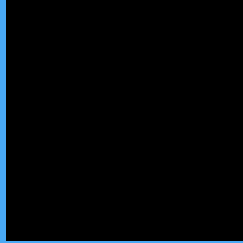
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

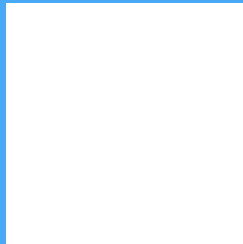
Any Text WCAG AAA ✓ Pass

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

Decimal 4827636 Background



This preview shows how black text looks on a background with the Decimal color 4827636.



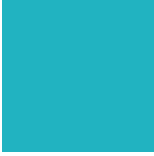
This preview shows how white text looks on a background with the Decimal color 4827636.

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](#).

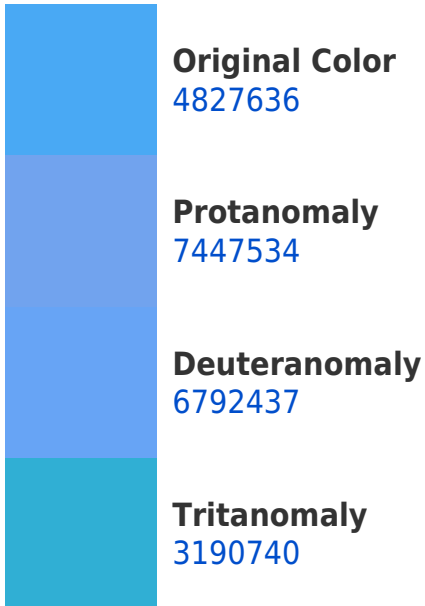
Dichromacy





Tritanopia
2208705

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4827636 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 #49A9F4 looks like.

```
.text, #text, p{  
    color:#49A9F4  
}
```

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 #49A9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A9F4  
}
```

Border

The CSS property to change the border of an element to Decimal 4827636 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  
#49A9F4 }
```

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

```
.border{ border-color:#49A9F4 }
```

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

Here you see how a box with a 4 pixel #49A9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A9F4; -webkit-box-shadow:4px 4px  
4px 4px #49A9F4; box-shadow:4px 4px 4px  
4px #49A9F4 }
```

Background

The CSS property to change the background color of an element to Decimal 4827636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A9F4 }
```

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

```
.background{ background-color:#49A9F4 }
```

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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