

Converting Colors

Decimal(4826064)

Have a look what the booklet for
Decimal(4826064) contains.

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Color

Decimal(4826064)

Conversions

Conversions Part 1

Format	Color
Hex	49A3D0
RGB	73, 163, 208
RGB Percent	29%, 64%, 82%
CMY	0.7137, 0.3608, 0.1843
CMYK	0.65, 0.22, 0.00, 0.18
HSL	200°, 59%, 55%
HSV	200°, 65%, 82%
XYZ	27.2300, 32.1649, 64.4478
YIQ	141.2200, -68.0850, -5.0850

Conversions

Conversions Part 2

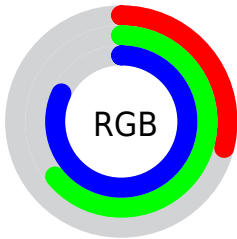
Format	Color
RYB	73, 127, 208
Decimal	4826064
CIELab	63.48, -12.97, -30.89
CIELCh	63, 33.502, 247.229
Yxy	32.1649, 0.2199, 0.2597
Android (android.graphics.Color)	4283016144 (0xFF49A3D0)
YUV	141.2200, 32.9225, -59.8289
Hunter-Lab	56.7141, -13.5470, -27.6750

Details

The Decimal color **4826064** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **13661769**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **8837887**, and **28569** is the 20% darker color. If you saturate the color by 10%, you get **3448016**, and if you desaturate by 10%, it is **6204112**.

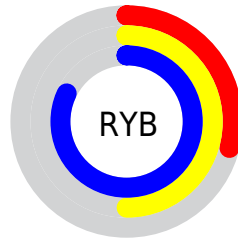
Distribution



Red (29%)

Green (64%)

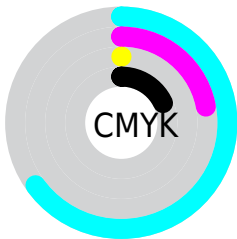
Blue (82%)



Red (29%)

Yellow (50%)

Blue (82%)

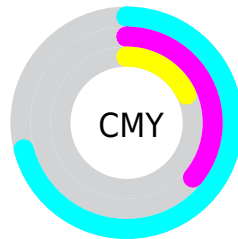


Cyan (65%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (71%)

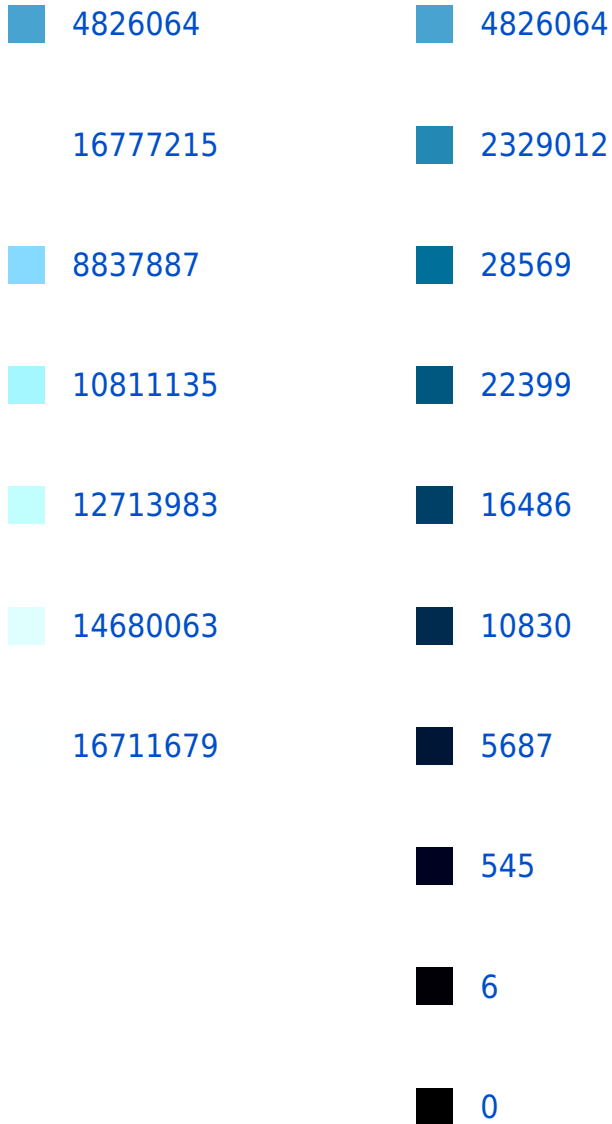
Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4826064 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 4826064 by changing the saturation by 10% instead.



■ 4826064

■ 4826064

■ 3448016

■ 6204112

■ 2069968

■ 7582160

■ 757456

■ 8894672

■ 35792

■ 10272720

■ 11650768

■ 13028816

■ 14406864

■ 15719120

■ 16769488

Harmonies

Analogous

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



2468029



4826064



8100565

Triad

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



4826064



13861779



8823657

Complementary

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



4826064



13661769

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.



10984030



4826064



13731703

Square

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



4826064



12945073



12685411



6465666

Rectangle

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



4826064



10064847



12685411



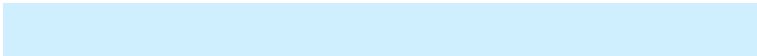
9609316

Sweetspot

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



4826064



13627391



4837494



6452864



0



8421504

Same Dimension

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



4826064



3718655



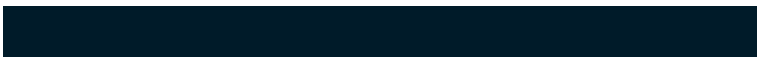
4808912



6186345



28840



6953

Inverse Universe

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



13650339



16726205



13679177



6905445



11010160



2687003

Previews

White Background



This preview shows how the Decimal color 4826064 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 4826064 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 4826064 Background



This preview shows how black text looks on a background with the Decimal color 4826064.



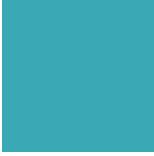
This preview shows how white text looks on a background with the Decimal color 4826064.

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
3909813

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4826064 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 #49A3D0 looks like.

```
.text, #text, p{  
    color:#49A3D0  
}
```

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 #49A3D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A3D0
}
```

Border

The CSS property to change the border of an element to Decimal 4826064 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
#49A3D0 }
```

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

```
.border{ border-color:#49A3D0 }
```

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

Here you see how a box with a 4 pixel #49A3D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A3D0; -webkit-box-shadow:4px 4px  
4px 4px #49A3D0; box-shadow:4px 4px 4px  
4px #49A3D0 }
```

Background

The CSS property to change the background color of an element to Decimal 4826064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A3D0 }
```

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

```
.background{ background-color:#49A3D0 }
```

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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