

Converting Colors

Decimal(4636129)

Have a look what the booklet for
Decimal(4636129) contains.

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Color

Decimal(4636129)

Conversions

Conversions Part 1

Format	Color
Hex	46BDE1
RGB	70, 189, 225
RGB Percent	27%, 74%, 88%
CMY	0.7255, 0.2588, 0.1176
CMYK	0.69, 0.16, 0.00, 0.12
HSL	194°, 72%, 58%
HSV	194°, 69%, 88%
XYZ	34.3140, 43.1335, 77.7512
YIQ	157.5230, -82.4800, -14.0320

Conversions

Conversions Part 2

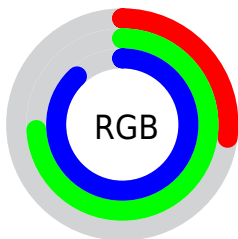
Format	Color
R _Y B	70, 137, 225
Decimal	4636129
CIE Lab	71.65, -21.76, -27.65
CIE LCh	72, 35.184, 231.802
Yxy	43.1335, 0.2211, 0.2779
Android (android.graphics.Color)	4282826209 (0xFF46BDE1)
YUV	157.5230, 33.2662, -76.7577
Hunter-Lab	65.6761, -21.6718, -24.2177

Details

The Decimal color **4636129** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **14772806**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **8975871**, and **34730** is the 20% darker color. If you saturate the color by 10%, you get **3193057**, and if you desaturate by 10%, it is **6144737**.

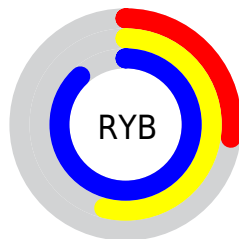
Distribution



Red (27%)

Green (74%)

Blue (88%)



Red (27%)

Yellow (54%)

Blue (88%)

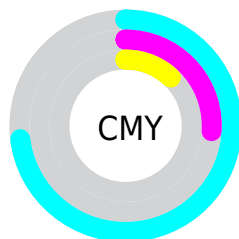


Cyan (69%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (26%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4636129 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 4636129 by changing the saturation by 10% instead.

■ 4636129

■ 4636129

16777215

■ 1483461

■ 8975871

■ 34730

■ 10944511

■ 28303

■ 12976127

■ 21877

■ 14942207

■ 15965

■ 10309

■ 3630

■ 281

■ 0

■ 4636129

■ 4636129

■ 3193057

■ 6144737

■ 1684449

■ 7587809

■ 241121

■ 9096673

■ 44513

■ 10539745

■ 12048353

■ 13491425

■ 14934753

■ 16443361

■ 16772321

Harmonies

Analogous

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



4178374



4636129



7714286

Triad

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



4636129



15243450



11384179

Complementary

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



4636129



14772806

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.



13478768



4636129



15702169

Square

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



4636129



13672408



15048830



8961159

Rectangle

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



4636129



9940718



15048830



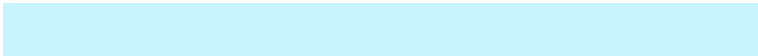
12169840

Sweetspot

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



4636129



13235199



4645224



6322304



0



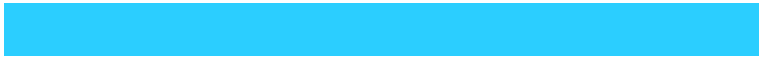
8421504

Same Dimension

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



4636129



2871039



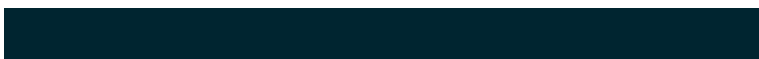
4616929



6647408



34736



9520

Inverse Universe

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



14763709



16722894



14792006



7365998



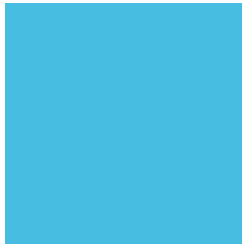
11534471



3145765

Previews

White Background



This preview shows how the Decimal color 4636129 looks on a white background.

Color Contrast Check

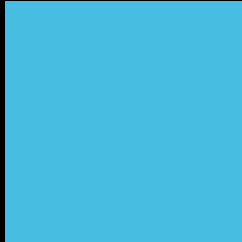
Large Text (above 18pt) WCAG AA × Fail

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 4636129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

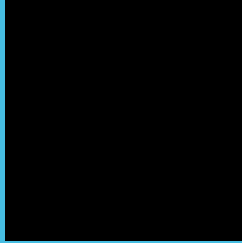
Any Text WCAG AA ✓ Pass

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 4636129 Background



This preview shows how black text looks on a background with the Decimal color 4636129.



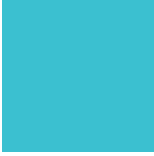
This preview shows how white text looks on a background with the Decimal color 4636129.

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
3915984

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4636129 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 #46BDE1 looks like.

```
.text, #text, p{  
    color:#46BDE1  
}
```

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 #46BDE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46BDE1
}
```

Border

The CSS property to change the border of an element to Decimal 4636129 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
#46BDE1 }
```

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

```
.border{ border-color:#46BDE1 }
```

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

Here you see how a box with a 4 pixel #46BDE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46BDE1; -webkit-box-shadow:4px 4px  
4px 4px #46BDE1; box-shadow:4px 4px 4px  
4px #46BDE1 }
```

Background

The CSS property to change the background color of an element to Decimal 4636129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46BDE1 }
```

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

```
.background{ background-color:#46BDE1 }
```

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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