

Converting Colors

Decimal(3652329)

Have a look what the booklet for
Decimal(3652329) contains.

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Color

Decimal(3652329)

Conversions

Conversions Part 1

Format	Color
Hex	37BAE9
RGB	55, 186, 233
RGB Percent	22%, 73%, 91%
CMY	0.7843, 0.2706, 0.0863
CMYK	0.76, 0.20, 0.00, 0.09
HSL	196°, 80%, 56%
HSV	196°, 76%, 91%
XYZ	33.8424, 41.8132, 83.3779
YIQ	152.1890, -93.1630, -13.1550

Conversions

Conversions Part 2

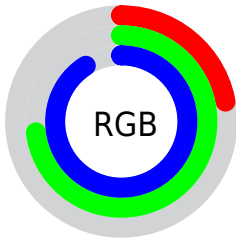
Format	Color
RYB	55, 130, 233
Decimal	3652329
CIELab	70.74, -19.50, -33.42
CIELCh	71, 38.694, 239.737
Yxy	41.8132, 0.2128, 0.2629
Android (android.graphics.Color)	4281842409 (0xFF37BAE9)
YUV	152.1890, 39.8398, -85.2348
Hunter-Lab	64.6631, -19.7398, -31.1854

Details

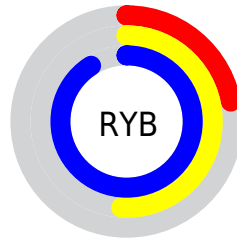
The Decimal color **3652329** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **15296055**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **8385279**, and **34225** is the 20% darker color. If you saturate the color by 10%, you get **2143465**, and if you desaturate by 10%, it is **5161193**.

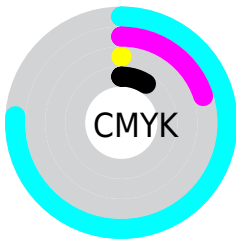
Distribution



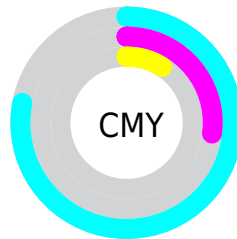
- Red (22%)
- Green (73%)
- Blue (91%)



- Red (22%)
- Yellow (51%)
- Blue (91%)



- Cyan (76%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)

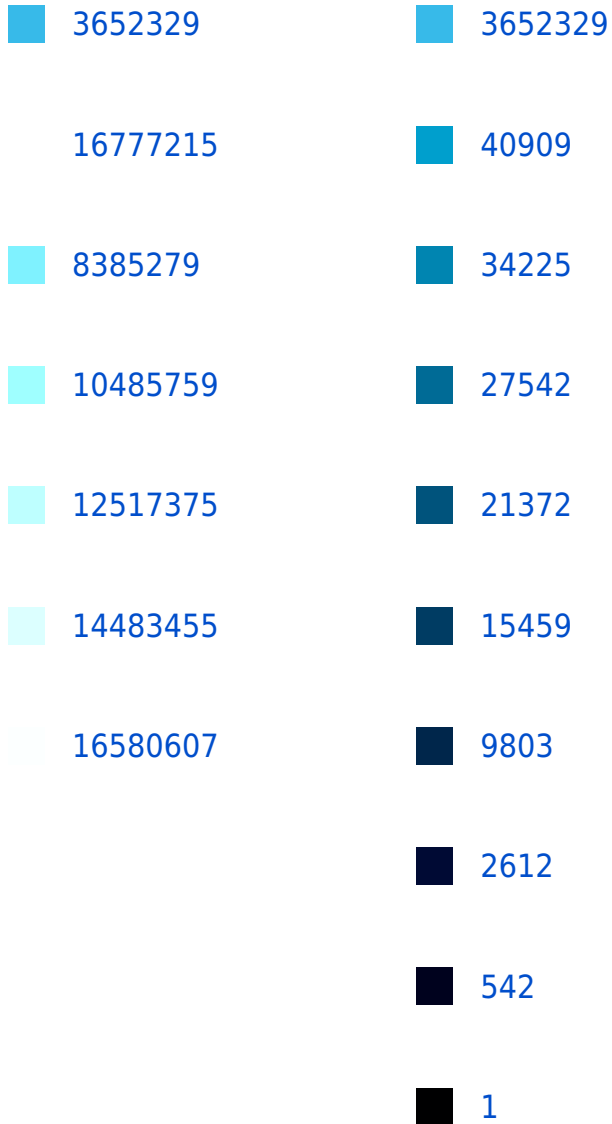


- Cyan (78%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3652329 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 3652329 by changing the saturation by 10% instead.



■ 3652329

■ 3652329

■ 2143465

■ 5161193

■ 569065

■ 6735593

■ 44009

■ 8244457

■ 9753577

■ 11262441

■ 12836841

■ 14345705

■ 15854569

■ 16773609

Harmonies

Analogous

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



507855



3652329



7975411

Triad

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



3652329



15700655



10532207

Complementary

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



3652329



15296055

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.



12888934



3652329



15766924

Square

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



3652329



14260433



14786417



7781768

Rectangle

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



3652329



10463471



14786417



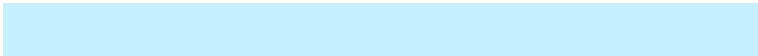
11383402

Sweetspot

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



3652329



12906751



3664227



6059648



0



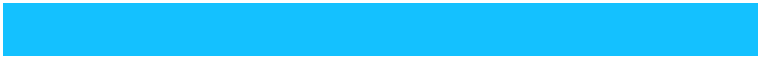
8421504

Same Dimension

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



3652329



1360383



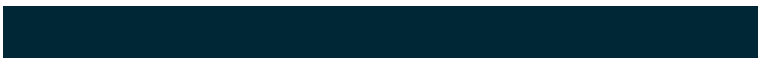
3630057



6976117



34229



10038

Inverse Universe

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



15284154



16716993



15318327



7694962



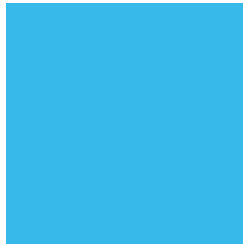
11862149



3538983

Previews

White Background



This preview shows how the Decimal color 3652329 looks on a white background.

Color Contrast Check

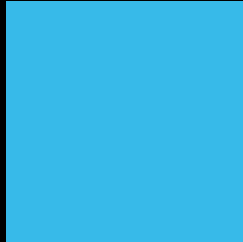
Large Text (above 18pt) WCAG AA × Fail

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 3652329 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

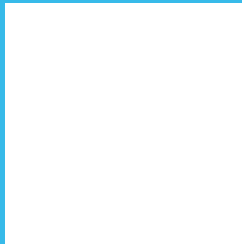
Any Text WCAG AAA ✓ Pass

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

Decimal 3652329 Background



This preview shows how black text looks on a background with the Decimal color 3652329.



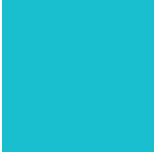
This preview shows how white text looks on a background with the Decimal color 3652329.

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](#).

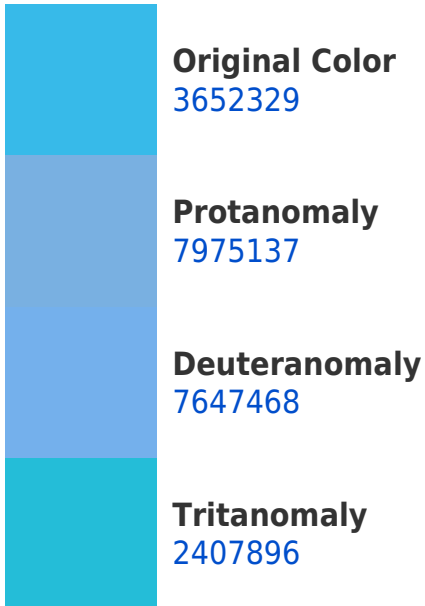
Dichromacy





Tritanopia
1687502

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3652329 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 #37BAE9 looks like.

```
.text, #text, p{  
    color:#37BAE9  
}
```

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 #37BAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37BAE9
}
```

Border

The CSS property to change the border of an element to Decimal 3652329 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
#37BAE9 }
```

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

```
.border{ border-color:#37BAE9 }
```

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

Here you see how a box with a 4 pixel #37BAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37BAE9; -webkit-box-shadow:4px 4px  
4px 4px #37BAE9; box-shadow:4px 4px 4px  
4px #37BAE9 }
```

Background

The CSS property to change the background color of an element to Decimal 3652329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37BAE9 }
```

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

```
.background{ background-color:#37BAE9 }
```

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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