

Converting Colors

Decimal(2143209)

Have a look what the booklet for
Decimal(2143209) contains.

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Color

Decimal(2143209)

Conversions

Conversions Part 1

Format	Color
Hex	20B3E9
RGB	32, 179, 233
RGB Percent	13%, 70%, 91%
CMY	0.8745, 0.2980, 0.0863
CMYK	0.86, 0.23, 0.00, 0.09
HSL	196°, 82%, 52%
HSV	196°, 86%, 91%
XYZ	31.4237, 38.4305, 82.8524
YIQ	141.2030, -104.9460, -14.3700

Conversions

Conversions Part 2

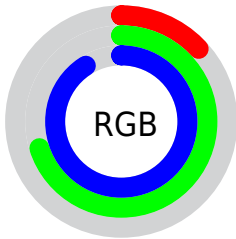
Format	Color
R _Y B	32, 117, 233
Decimal	2143209
CIE Lab	68.34, -17.79, -37.18
CIE LCh	68, 41.217, 244.437
Yxy	38.4305, 0.2058, 0.2517
Android (android.graphics.Color)	4280333289 (0xFF20B3E9)
YUV	141.2030, 45.2559, -95.7710
Hunter-Lab	61.9923, -18.0054, -35.8462

Details

The Decimal color **2143209** 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 **15291936**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **7662591**, and **32433** is the 20% darker color. If you saturate the color by 10%, you get **634345**, and if you desaturate by 10%, it is **3652073**.

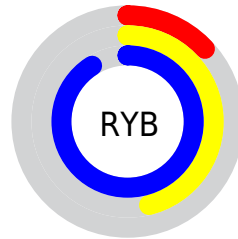
Distribution



Red (13%)

Green (70%)

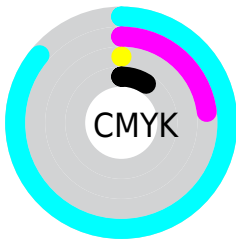
Blue (91%)



Red (13%)

Yellow (46%)

Blue (91%)

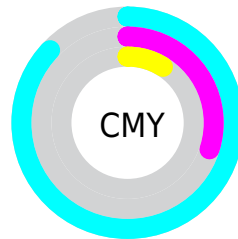


Cyan (86%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (87%)

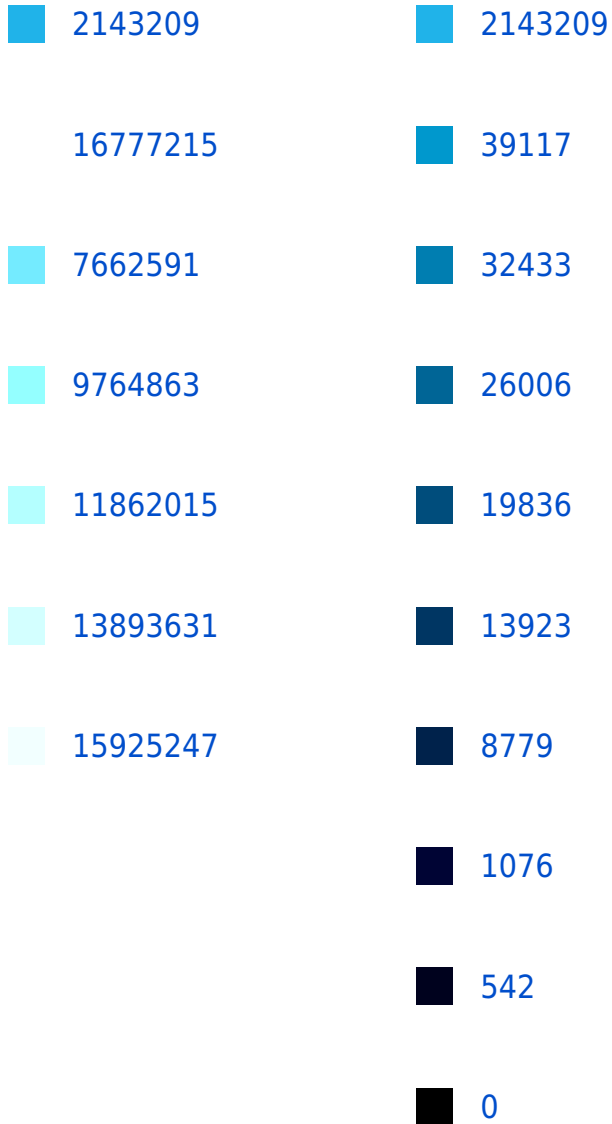
Magenta (30%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2143209 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 2143209 by changing the saturation by 10% instead.



■ 2143209

■ 2143209

■ 634345

■ 3652073

■ 43753

■ 5226729

■ 6735593

■ 8244457

■ 9753321

■ 11327977

■ 12836841

■ 14345705

■ 15920105

Harmonies

Analogous

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



47568



2143209



7842289

Triad

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



2143209



15567266



9613672

Complementary

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



2143209



15291936

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.



12166747



2143209



15437182

Square

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



2143209



14323399



14195044



6535301

Rectangle

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



2143209



10526954



14195044



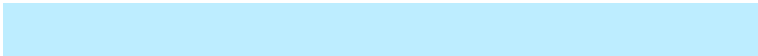
10464865

Sweetspot

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



2143209



12447231



2156886



5797248



0



8421504

Same Dimension

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



2143209



47871



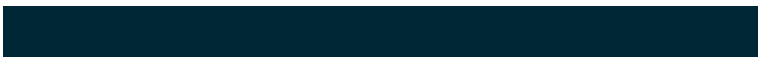
2117609



6976117



33973



10038

Inverse Universe

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



15278259



16711866



15317536



7694962



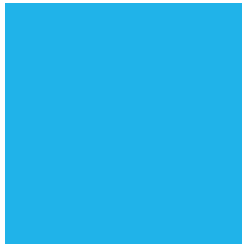
11862148



3538983

Previews

White Background



This preview shows how the Decimal color 2143209 looks on a white background.

Color Contrast Check

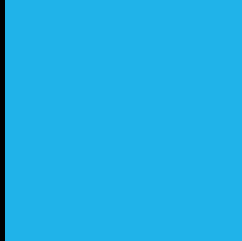
Large Text (above 18pt) WCAG AA × Fail

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 2143209 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 2143209 Background



This preview shows how black text looks on a background with the Decimal color 2143209.

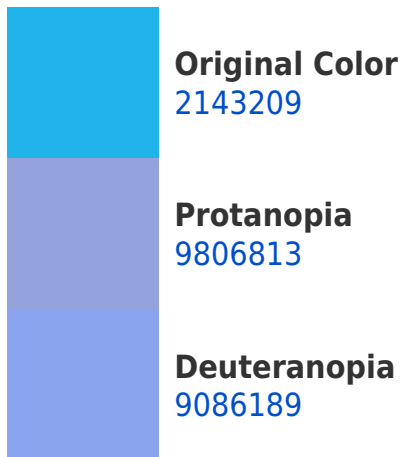


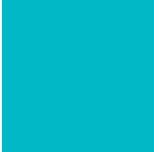
This preview shows how white text looks on a background with the Decimal color 2143209.

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
47302

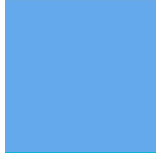
Trichromacy



Original Color
2143209



Protanomaly
6990305



Deuteranomaly
6531564

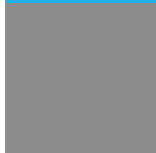


Tritanomaly
833235

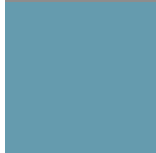
Monochromacy



Original Color
2143209



Achromatopsia
9276813



Achromatomaly
6658990

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2143209 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 #20B3E9 looks like.

```
.text, #text, p{  
    color:#20B3E9  
}
```

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 #20B3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20B3E9
}
```

Border

The CSS property to change the border of an element to Decimal 2143209 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
#20B3E9 }
```

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

```
.border{ border-color:#20B3E9 }
```

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

Here you see how a box with a 4 pixel #20B3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20B3E9; -webkit-box-shadow:4px 4px  
4px 4px #20B3E9; box-shadow:4px 4px 4px  
4px #20B3E9 }
```

Background

The CSS property to change the background color of an element to Decimal 2143209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20B3E9 }
```

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

```
.background{ background-color:#20B3E9 }
```

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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