

Converting Colors

Decimal(2204126)

Have a look what the booklet for
Decimal(2204126) contains.

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Color

Decimal(2204126)

Conversions

Conversions Part 1

Format	Color
Hex	21A1DE
RGB	33, 161, 222
RGB Percent	13%, 63%, 87%
CMY	0.8706, 0.3686, 0.1294
CMYK	0.85, 0.27, 0.00, 0.13
HSL	199°, 74%, 50%
HSV	199°, 85%, 87%
XYZ	26.5569, 31.0870, 73.7079
YIQ	129.6820, -95.8690, -8.1650

Conversions

Conversions Part 2

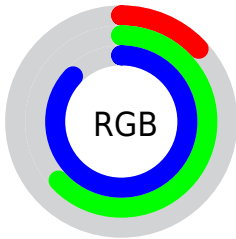
Format	Color
R _Y B	33, 109, 222
Decimal	2204126
CIE Lab	62.58, -11.84, -40.13
CIE LCh	63, 41.834, 253.566
Yxy	31.0870, 0.2022, 0.2367
Android (android.graphics.Color)	4280394206 (0xFF21A1DE)
YUV	129.6820, 45.5128, -84.7901
Hunter-Lab	55.7557, -12.5516, -39.3512

Details

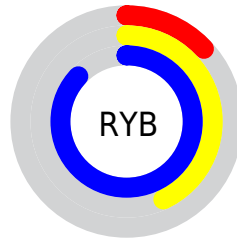
The Decimal color **2204126** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **14573089**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **7461119**, and **28327** is the 20% darker color. If you saturate the color by 10%, you get **760542**, and if you desaturate by 10%, it is **3647710**.

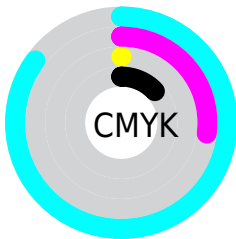
Distribution



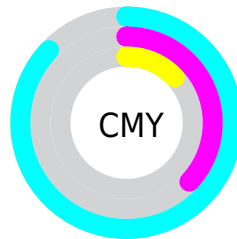
- Red (13%)
- Green (63%)
- Blue (87%)



- Red (13%)
- Yellow (43%)
- Blue (87%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)

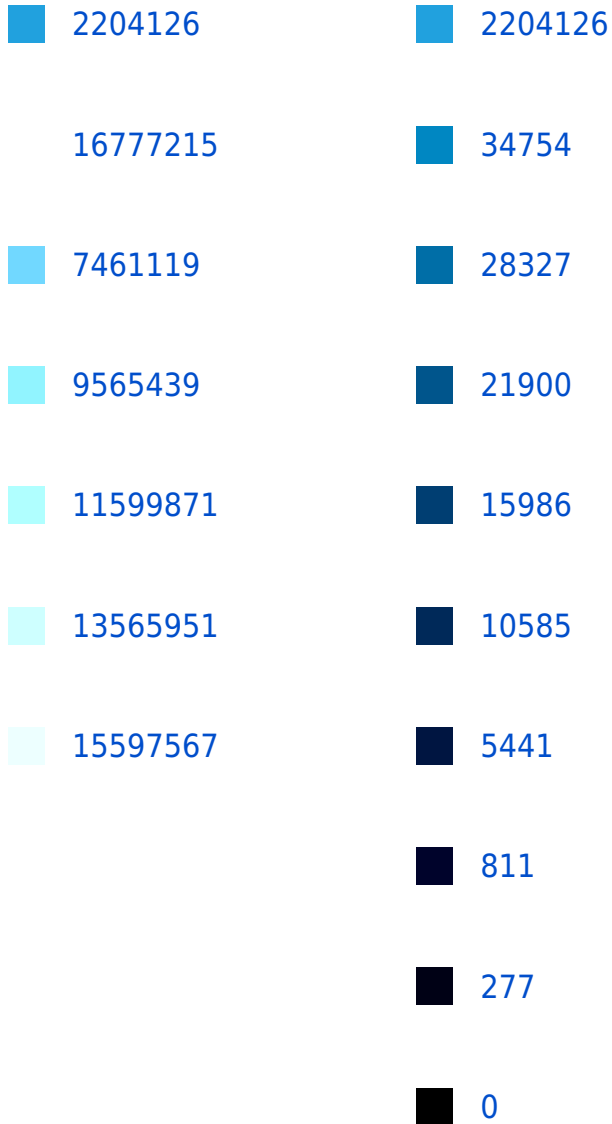


- Cyan (87%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2204126 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 2204126 by changing the saturation by 10% instead.



■ 2204126

■ 2204126

■ 760542

■ 3647710

■ 38622

■ 5091294

■ 6600414

■ 8044254

■ 9487838

■ 10931422

■ 12375006

■ 13884126

■ 15327710

Harmonies

Analogous

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



43209



2204126



8033759

Triad

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



2204126



14580104



7709792

Complementary

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



2204126



14573089

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.



10394445



2204126



14123366

Square

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



2204126



13794477



12619344



4172161

Rectangle

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



2204126



10587349



12619344



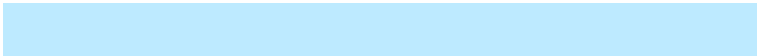
8626520

Sweetspot

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



2204126



12446463



2219613



5796736



0



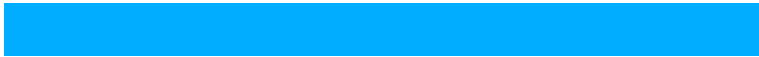
8421504

Same Dimension

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



2204126



44543



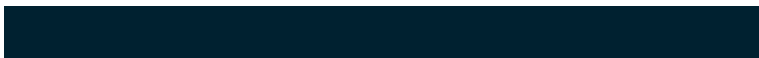
2180318



6647152



30640



8496

Inverse Universe

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



14557601



16711853



14596897



7365997



11534455



3145761

Previews

White Background



This preview shows how the Decimal color 2204126 looks on a white background.

Color Contrast Check

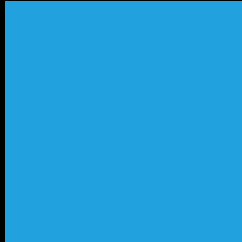
Large Text (above 18pt) WCAG AA × Fail

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 2204126 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 2204126 Background



This preview shows how black text looks on a background with the Decimal color 2204126.



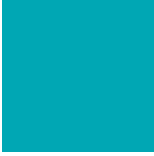
This preview shows how white text looks on a background with the Decimal color 2204126.

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
42932

Trichromacy



Original Color
2204126



Protanomaly
6265304



Deuteranomaly
5675744



Tritanomaly
828867

Monochromacy



Original Color
2204126



Achromatopsia
8553090



Achromatomaly
6262179

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2204126 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 #21A1DE looks like.

```
.text, #text, p{  
  color:#21A1DE  
}
```

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 #21A1DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A1DE
}
```

Border

The CSS property to change the border of an element to Decimal 2204126 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
#21A1DE }
```

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

```
.border{ border-color:#21A1DE }
```

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

Here you see how a box with a 4 pixel #21A1DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A1DE; -webkit-box-shadow:4px 4px  
4px 4px #21A1DE; box-shadow:4px 4px 4px  
4px #21A1DE }
```

Background

The CSS property to change the background color of an element to Decimal 2204126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A1DE }
```

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

```
.background{ background-color:#21A1DE }
```

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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