

Converting Colors

Decimal(2405842)

Have a look what the booklet for
Decimal(2405842) contains.

Decimal(2405842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2405842)

Conversions

Conversions Part 1

Format	Color
Hex	24B5D2
RGB	36, 181, 210
RGB Percent	14%, 71%, 82%
CMY	0.8588, 0.2902, 0.1765
CMYK	0.83, 0.14, 0.00, 0.18
HSL	190°, 71%, 48%
HSV	190°, 83%, 82%
XYZ	28.8843, 38.0760, 66.7998
YIQ	140.9510, -95.7290, -21.7210

Conversions

Conversions Part 2

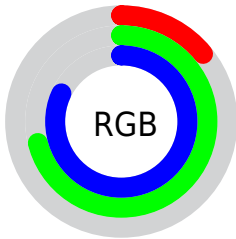
Format	Color
RYB	36, 115, 210
Decimal	2405842
CIELab	68.08, -26.24, -24.98
CIELCh	68, 36.231, 223.594
Yxy	38.0760, 0.2159, 0.2847
Android (android.graphics.Color)	4280595922 (0xFF24B5D2)
YUV	140.9510, 34.0412, -92.0420
Hunter-Lab	61.7057, -24.4296, -20.9906

Details

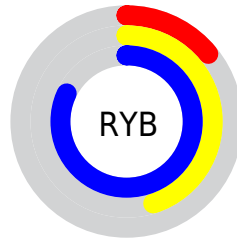
The Decimal color **2405842** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **13779236**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **7466495**, and **32923** is the 20% darker color. If you saturate the color by 10%, you get **1028562**, and if you desaturate by 10%, it is **3782866**.

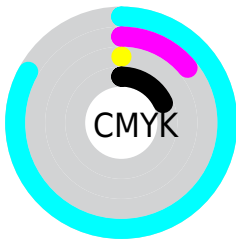
Distribution



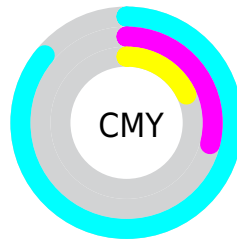
- Red (14%)
- Green (71%)
- Blue (82%)



- Red (14%)
- Yellow (45%)
- Blue (82%)



- Cyan (83%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)

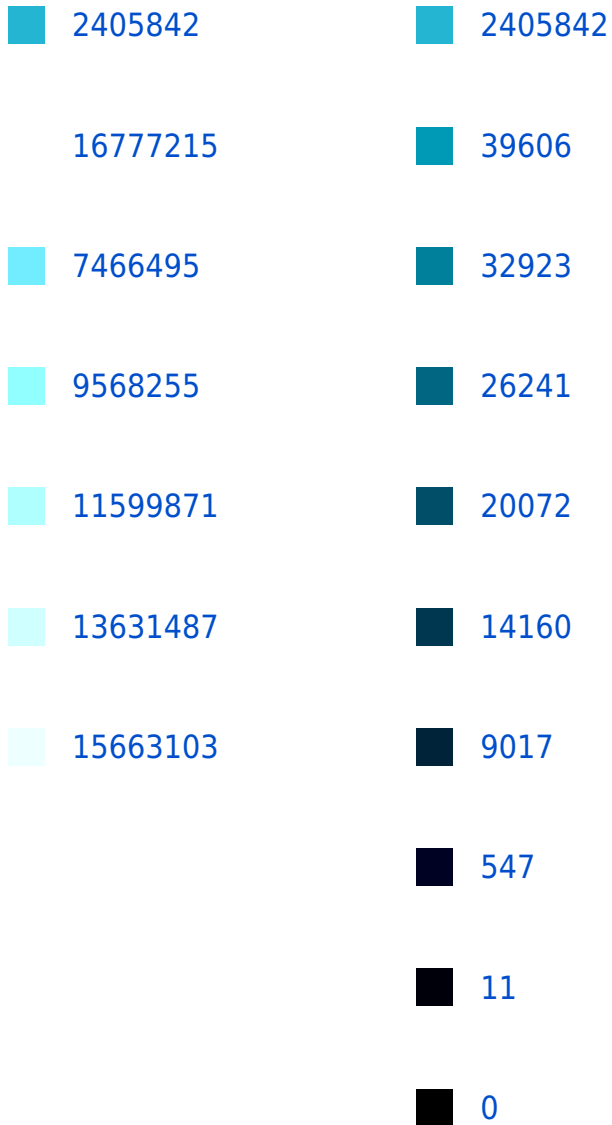


- Cyan (86%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2405842 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 2405842 by changing the saturation by 10% instead.



■ 2405842

■ 2405842

■ 1028562

■ 3782866

■ 45010

■ 5160146

■ 6537170

■ 7914450

■ 9291474

■ 10668754

■ 12045778

■ 13423058

■ 14800082

Harmonies

Analogous

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



3324084



2405842



5811940

Triad

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



2405842



14323641



11381093

Complementary

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



2405842



13779236

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.



13344359



2405842



15109528

Square

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



2405842



12425429



14717818



8958325

Rectangle

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



2405842



8235239



14717818



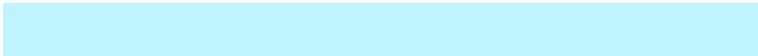
12100964

Sweetspot

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



2405842



12580095



2413121



5863808



0



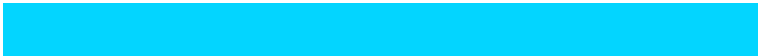
8421504

Same Dimension

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



2405842



251391



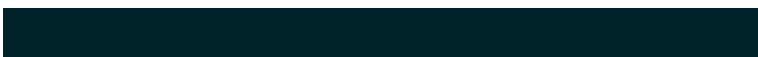
2383570



6186857



36008



8745

Inverse Universe

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



13771957



16712661



13801508



6905447



11010188



2687010

Previews

White Background



This preview shows how the Decimal color 2405842 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 2405842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

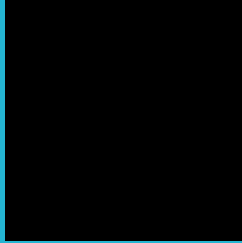
Any Text WCAG AA ✓ Pass

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 2405842 Background



This preview shows how black text looks on a background with the Decimal color 2405842.

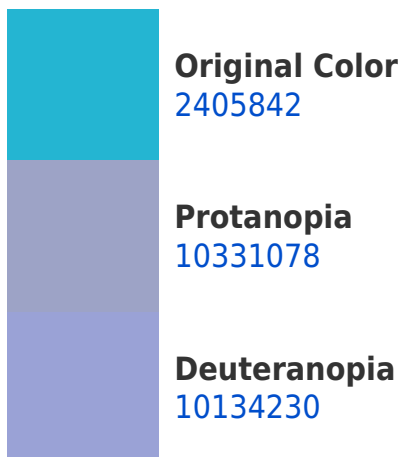


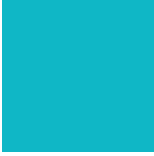
This preview shows how white text looks on a background with the Decimal color 2405842.

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
1030086

Trichromacy



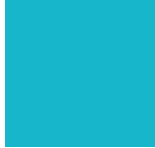
Original Color
2405842



Protanomaly
7449290



Deuteranomaly
7317973



Tritanomaly
1554122

Monochromacy



Original Color
2405842



Achromatopsia
9276813



Achromatomaly
6790310

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2405842 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 #24B5D2 looks like.

```
.text, #text, p{  
    color:#24B5D2  
}
```

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 #24B5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B5D2
}
```

Border

The CSS property to change the border of an element to Decimal 2405842 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
#24B5D2 }
```

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

```
.border{ border-color:#24B5D2 }
```

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

Here you see how a box with a 4 pixel #24B5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B5D2; -webkit-box-shadow:4px 4px  
4px 4px #24B5D2; box-shadow:4px 4px 4px  
4px #24B5D2 }
```

Background

The CSS property to change the background color of an element to Decimal 2405842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B5D2 }
```

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

```
.background{ background-color:#24B5D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor