

Converting Colors

Decimal(4041680)

Have a look what the booklet for
Decimal(4041680) contains.

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Color

Decimal(4041680)

Conversions

Conversions Part 1

Format	Color
Hex	3DABD0
RGB	61, 171, 208
RGB Percent	24%, 67%, 82%
CMY	0.7608, 0.3294, 0.1843
CMYK	0.71, 0.18, 0.00, 0.18
HSL	195°, 61%, 53%
HSV	195°, 71%, 82%
XYZ	27.8725, 34.6720, 64.8978
YIQ	142.3280, -77.4370, -11.8130

Conversions

Conversions Part 2

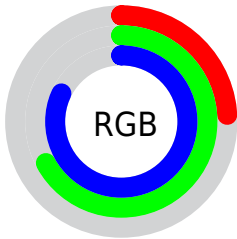
Format	Color
R _Y B	61, 124, 208
Decimal	4041680
CIE Lab	65.49, -19.07, -27.81
CIE LCh	65, 33.722, 235.555
Yxy	34.6720, 0.2187, 0.2721
Android (android.graphics.Color)	4282231760 (0xFF3DABD0)
YUV	142.3280, 32.3763, -71.3247
Hunter-Lab	58.8829, -18.5512, -24.1284

Details

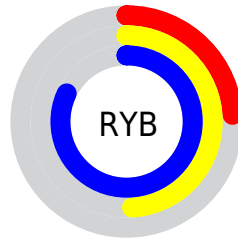
The Decimal color **4041680** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **13656637**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **8315647**, and **30617** is the 20% darker color. If you saturate the color by 10%, you get **2664144**, and if you desaturate by 10%, it is **5419216**.

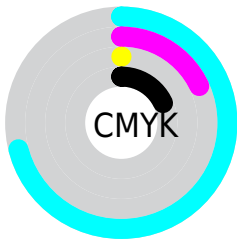
Distribution



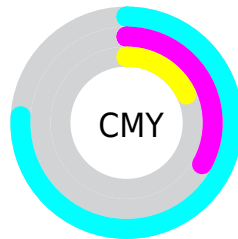
- Red (24%)
- Green (67%)
- Blue (82%)



- Red (24%)
- Yellow (49%)
- Blue (82%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)

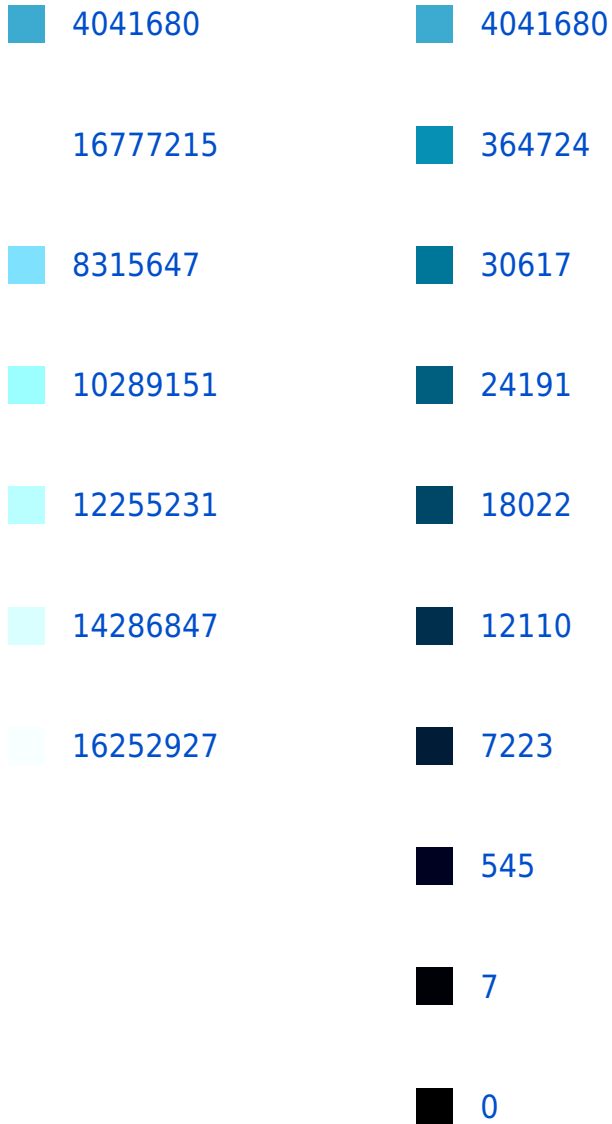


- Cyan (76%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4041680 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 4041680 by changing the saturation by 10% instead.



■ 4041680

■ 4041680

■ 2664144

■ 5419216

■ 1286608

■ 6796752

■ 40144

■ 8109008

■ 9486544

■ 10864080

■ 12241616

■ 13619408

■ 14931408

■ 16308944

Harmonies

Analogous

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



3059640



4041680



7185371

Triad

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



4041680



14059685



10069352

Complementary

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



4041680



13656637

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.



12033123



4041680



14322054

Square

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



4041680



12684994



13603182



7711868

Rectangle

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



4041680



9280985



13603182



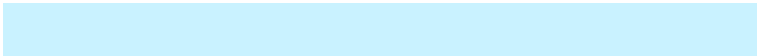
10789476

Sweetspot

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



4041680



13234943



4051042



6322048



0



8421504

Same Dimension

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



4041680



2541823



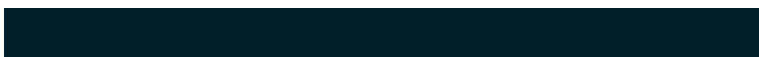
4022992



6186601



32424



7977

Inverse Universe

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



13647275



16721608



13675325



6905446



11010174



2687007

Previews

White Background



This preview shows how the Decimal color 4041680 looks on a white background.

Color Contrast Check

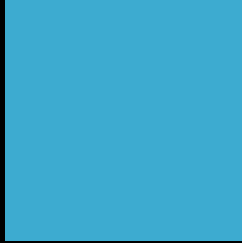
Large Text (above 18pt) WCAG AA × Fail

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 4041680 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 4041680 Background



This preview shows how black text looks on a background with the Decimal color 4041680.



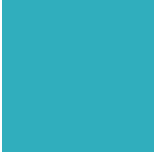
This preview shows how white text looks on a background with the Decimal color 4041680.

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
3190461

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4041680 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 #3DABD0 looks like.

```
.text, #text, p{  
  color:#3DABD0  
}
```

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 #3DABD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DABD0
}
```

Border

The CSS property to change the border of an element to Decimal 4041680 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
#3DABD0 }
```

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

```
.border{ border-color:#3DABD0 }
```

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

Here you see how a box with a 4 pixel #3DABD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DABD0; -webkit-box-shadow:4px 4px  
4px 4px #3DABD0; box-shadow:4px 4px 4px  
4px #3DABD0 }
```

Background

The CSS property to change the background color of an element to Decimal 4041680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DABD0 }
```

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

```
.background{ background-color:#3DABD0 }
```

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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