

# Converting Colors

Decimal(46554)

Have a look what the booklet for  
Decimal(46554) contains.

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# **Color**

**Decimal(46554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B5DA
RGB	0, 181, 218
RGB Percent	0%, 71%, 85%
CMY	1.0000, 0.2902, 0.1451
CMYK	1.00, 0.17, 0.00, 0.15
HSL	190°, 100%, 43%
HSV	190°, 100%, 85%
XYZ	29.1788, 38.1097, 72.1477
YIQ	131.0990, -119.7530, -26.8650

# Conversions

## Conversions Part 2

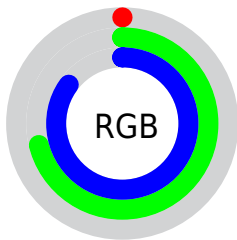
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 99, 218
Decimal	46554
CIELab	68.10, -25.21, -29.36
CIELCh	68, 38.697, 229.350
Yxy	38.1097, 0.2093, 0.2733
Android (android.graphics.Color)	4278236634 (0xFF00B5DA)
YUV	131.0990, 42.8422, -114.9738
Hunter-Lab	61.7331, -23.6630, -26.0793

# Details

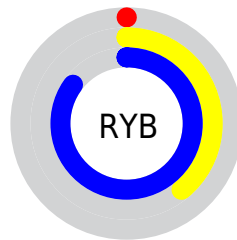
The Decimal color **46554** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14296320**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **6942207**, and **32931** is the 20% darker color. If you saturate the color by 10%, you get **46554**, and if you desaturate by 10%, it is **1489370**.

# Distribution



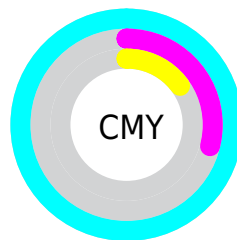
- Red (0%)
- Green (71%)
- Blue (85%)



- Red (0%)
- Yellow (39%)
- Blue (85%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



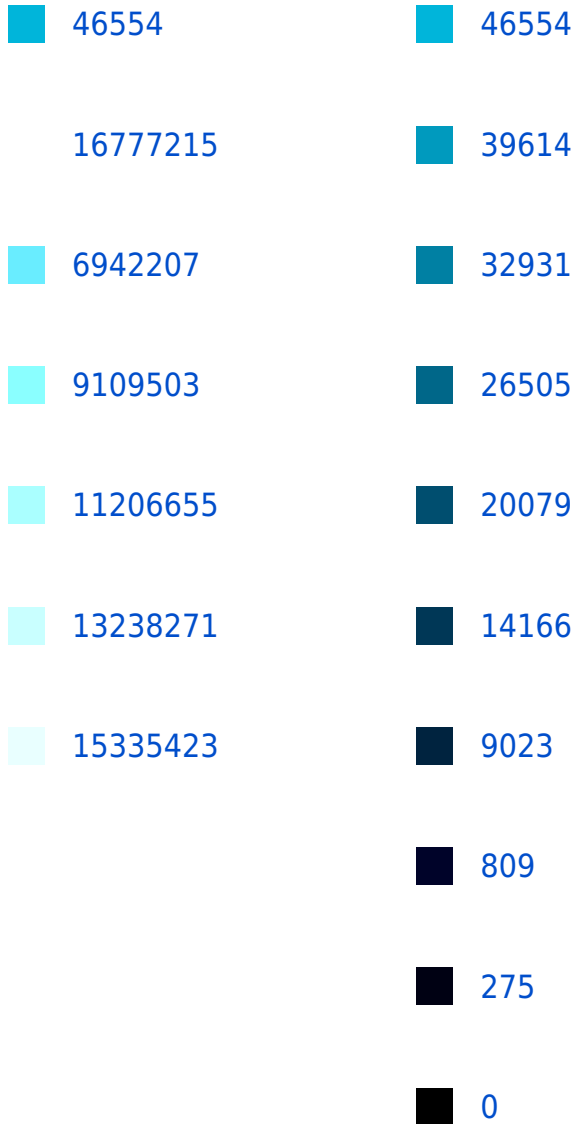
- Cyan (100%)
- Magenta (29%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 46554 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 46554 by changing the saturation by 10% instead.





■ 46554

■ 1489370

■ 2931930

■ 4309210

■ 5752026

■ 7194842

■ 8637402

■ 10080218

■ 11457498

■ 12900058

# Harmonies

## Analogous

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



309436



46554



6008298

# Triad

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



46554



14847156



10922851

# Complementary

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



46554



14296320

# 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.



13148257



46554



15371153

# Square

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



46554



13014484



14718066



8303479

# Rectangle

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



46554



8759019



14718066



11708256



# Sweetspot

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



46554



11793151



55844



5404800



0



8421504

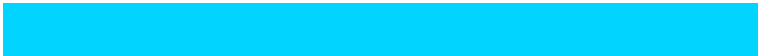


# Same Dimension

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



46554



54527



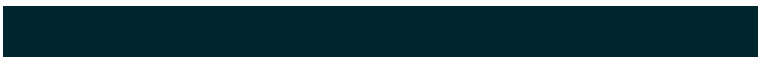
18906



6515822



37037



9774



# Inverse Universe

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



14287029



16711892



14323968



7234412



11337872



3014694



# Previews

## White Background



This preview shows how the Decimal color 46554 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 46554 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

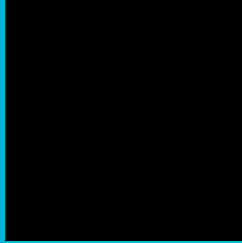
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 46554 Background



This preview shows how black text looks on a background with the Decimal color 46554.



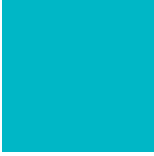
This preview shows how white text looks on a background with the Decimal color 46554.

# 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



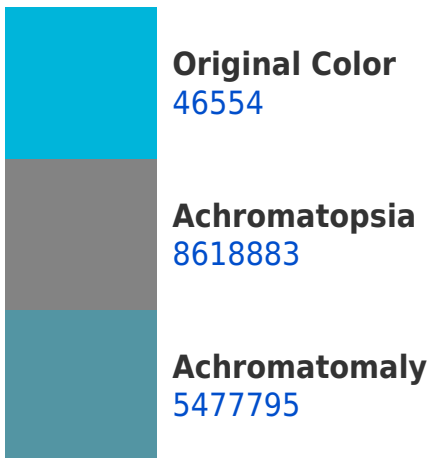


**Tritanopia**  
47046

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 46554 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 #00B5DA looks like.

```
.text, #text, p{  
    color:#00B5DA  
}
```

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 #00B5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5DA
}
```

## Border

The CSS property to change the border of an element to Decimal 46554 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
#00B5DA }
```

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

```
.border{ border-color:#00B5DA }
```

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

Here you see how a box with a 4 pixel #00B5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5DA; -webkit-box-shadow:4px 4px  
4px 4px #00B5DA; box-shadow:4px 4px 4px  
4px #00B5DA }
```

# Background

The CSS property to change the background color of an element to Decimal 46554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5DA }
```

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

```
.background{ background-color:#00B5DA }
```

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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