

# Converting Colors

Decimal(35024)

Have a look what the booklet for  
Decimal(35024) contains.

<b>Decimal(35024)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Decimal(35024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0088D0
RGB	0, 136, 208
RGB Percent	0%, 53%, 82%
CMY	1.0000, 0.4667, 0.1843
CMYK	1.00, 0.35, 0.00, 0.18
HSL	201°, 100%, 41%
HSV	201°, 100%, 82%
XYZ	20.1893, 22.1624, 62.8882
YIQ	103.5440, -104.1680, -6.4400

# Conversions

## Conversions Part 2

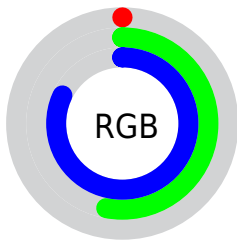
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 82, 208
Decimal	35024
CIE <sub>Lab</sub>	54.20, -4.25, -45.53
CIE <sub>LCh</sub>	54, 45.724, 264.666
Y <sub>xy</sub>	22.1624, 0.1918, 0.2106
Android (android.graphics.Color)	4278225104 (0xFF0088D0)
YUV	103.5440, 51.4968, -90.8081
Hunter-Lab	47.0769, -5.8335, -46.2493

# Details

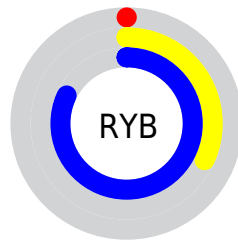
The Decimal color **35024** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **13649920**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **6602239**, and **22425** is the 20% darker color. If you saturate the color by 10%, you get **35024**, and if you desaturate by 10%, it is **1413072**.

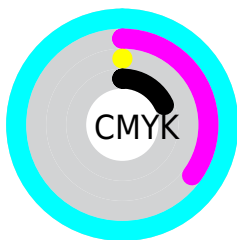
# Distribution



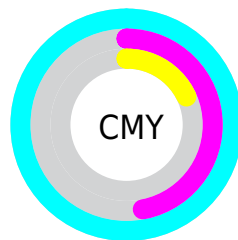
- Red (0%)
- Green (53%)
- Blue (82%)



- Red (0%)
- Yellow (32%)
- Blue (82%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



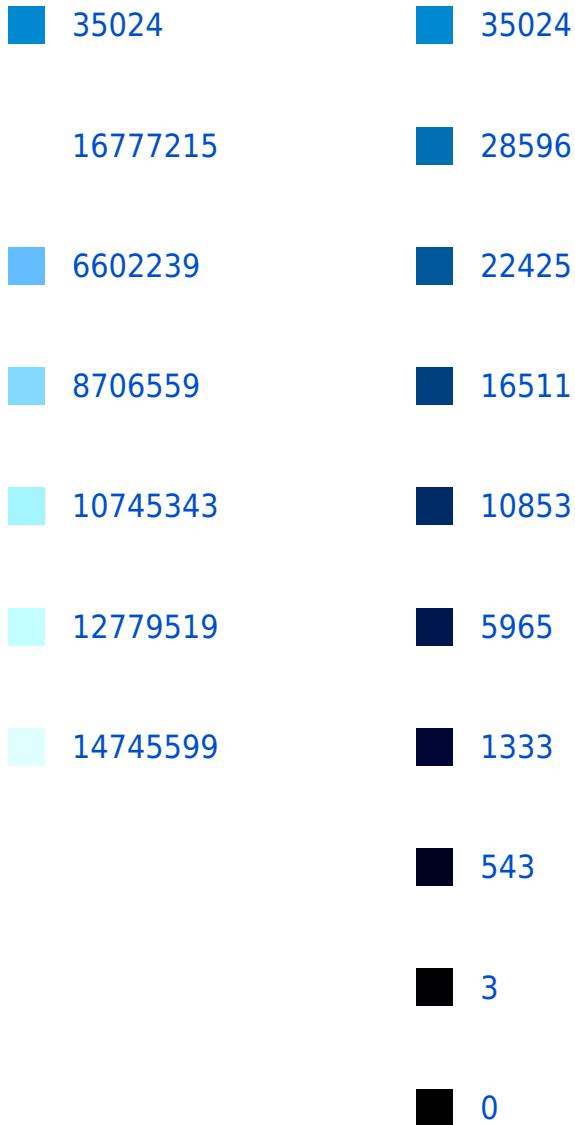
- Cyan (100%)
- Magenta (47%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 35024 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 35024 by changing the saturation by 10% instead.





■ 35024

■ 1413072

■ 2791120

■ 4103888

■ 5481936

■ 6859984

■ 8238032

■ 9616080

■ 10928848

■ 12306896

# Harmonies

## Analogous

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



37313



35024



7895753

# Triad

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



35024



13263459



4624722

# Complementary

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



35024



13649920

# 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.



7899446



35024



12283458

# Square

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



35024



13000842



10386735



38265

# Rectangle

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



35024



10317754



10386735



5869383

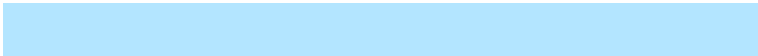


# Sweetspot

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



35024



11789823



53317



5402752



0



8421504



# Same Dimension

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



35024



43007



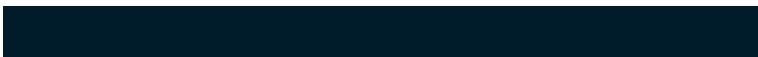
9168



6186345



28328



6953



# Inverse Universe

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



13631624



16711847



13675776



6905445



11010158



2687003



# Previews

## White Background



This preview shows how the Decimal color 35024 looks on a white background.

## Color Contrast Check

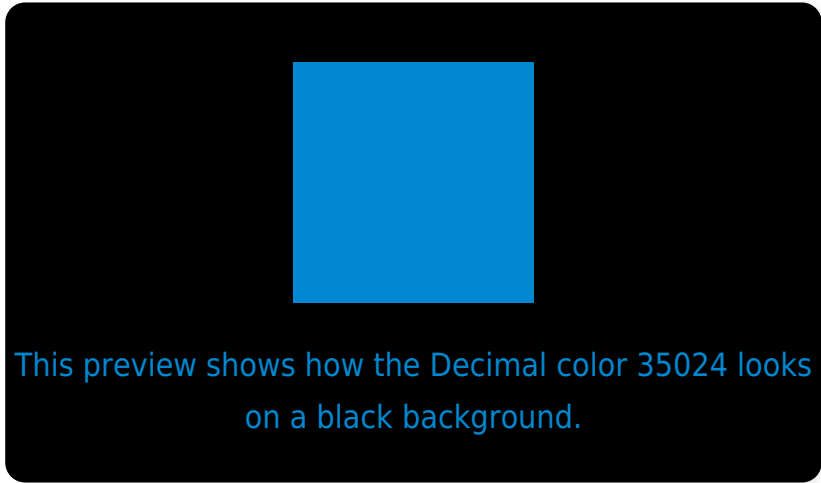
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Decimal 35024 Background



This preview shows how black text looks on a background with the Decimal color 35024.



This preview shows how white text looks on a background with the Decimal color 35024.

# 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



# Trichromacy



**Original Color**  
35024

**Protanomaly**  
4293323

**Deuteranomaly**  
3376337

# Monochromacy



**Original Color**  
35024

**Achromatopsia**  
6842472

**Achromatomaly**  
4355214

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 35024 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 #0088D0 looks like.

```
.text, #text, p{  
    color:#0088D0  
}
```

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 #0088D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0088D0
}
```

## Border

The CSS property to change the border of an element to Decimal 35024 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
#0088D0 }
```

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

```
.border{ border-color:#0088D0 }
```

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

Here you see how a box with a 4 pixel #0088D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0088D0; -webkit-box-shadow:4px 4px  
4px 4px #0088D0; box-shadow:4px 4px 4px  
4px #0088D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 35024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0088D0 }
```

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

```
.background{ background-color:#0088D0 }
```

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