

# Converting Colors

Decimal(4101336)

Have a look what the booklet for  
Decimal(4101336) contains.

<b>Decimal(4101336)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4101336)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E94D8
RGB	62, 148, 216
RGB Percent	24%, 58%, 85%
CMY	0.7569, 0.4196, 0.1529
CMYK	0.71, 0.31, 0.00, 0.15
HSL	206°, 66%, 55%
HSV	206°, 71%, 85%
XYZ	24.9712, 27.1618, 68.8924
YIQ	130.0380, -73.0840, 2.9160

# Conversions

## Conversions Part 2

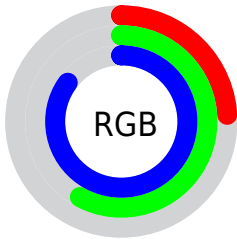
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 117, 216
Decimal	4101336
CIE Lab	59.12, -3.57, -42.17
CIE LCh	59, 42.326, 265.157
Yxy	27.1618, 0.2063, 0.2244
Android (android.graphics.Color)	4282291416 (0xFF3E94D8)
YUV	130.0380, 42.3793, -59.6693
Hunter-Lab	52.1170, -5.6788, -41.8923

# Details

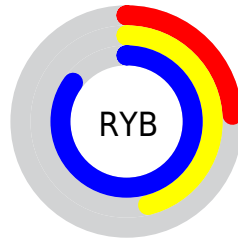
The Decimal color **4101336** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **14189118**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **8375039**, and **25249** is the 20% darker color. If you saturate the color by 10%, you get **2656984**, and if you desaturate by 10%, it is **5545688**.

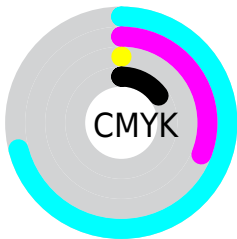
# Distribution



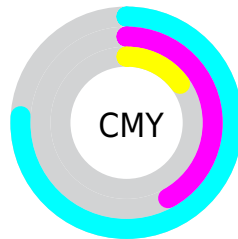
- Red (24%)
- Green (58%)
- Blue (85%)



- Red (24%)
- Yellow (46%)
- Blue (85%)



- Cyan (71%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



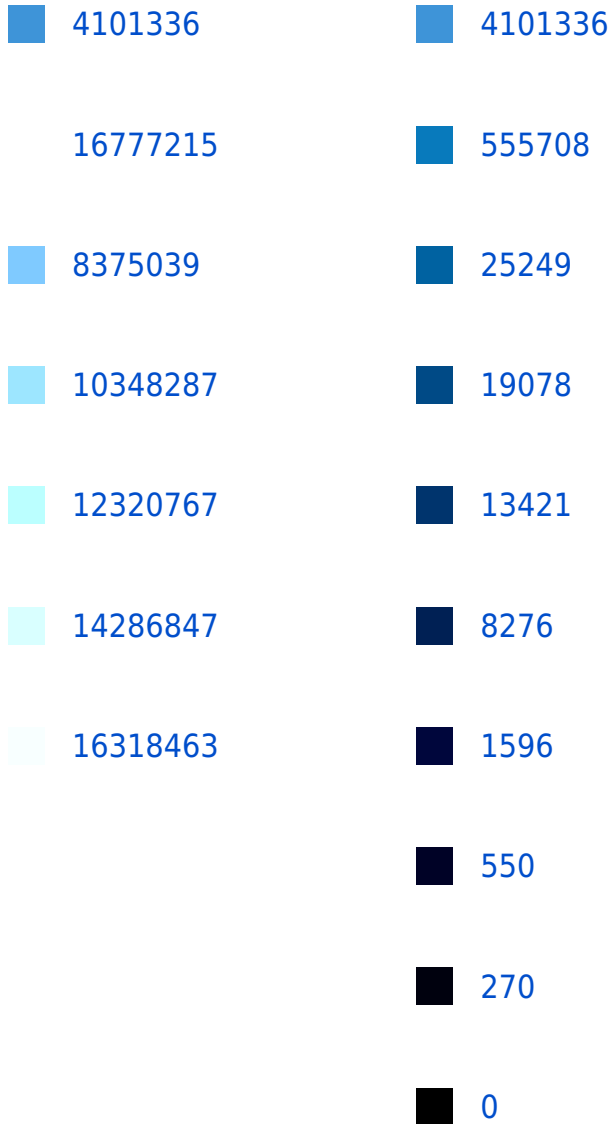
- Cyan (76%)
- Magenta (42%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4101336 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 4101336 by changing the saturation by 10% instead.





■ 4101336

■ 4101336

■ 2656984

■ 5545688

■ 1278424

■ 6924248

■ 31192

■ 8368600

■ 9747160

■ 11191512

■ 12635608

■ 14014424

■ 15458520

■ 16771800

# Harmonies

## Analogous

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



40394



4101336



8947666

# Triad

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



4101336



13922929



5807458

# Complementary

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



4101336



14189118

# 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.



8754761



4101336



13008210

# Square

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



4101336



13660310



11176515



41351

# Rectangle

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



4101336



11107779



11176515



6921048

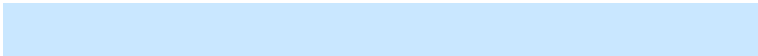


# Sweetspot

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



4101336



13232127



4118657



6320512



0



8421504



# Same Dimension

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



4101336



2399999



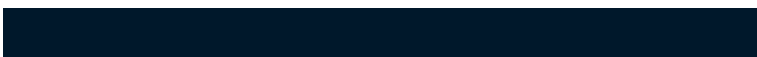
4081880



6317675



24491



6187



# Inverse Universe

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



14171796



16721054



14208574



7037030



11206751



2818072



# Previews

## White Background



This preview shows how the Decimal color 4101336 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



This preview shows how the Decimal color 4101336 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 × Fail

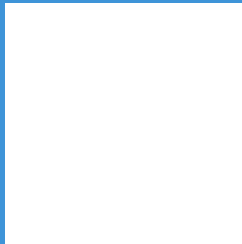
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4101336 Background



This preview shows how black text looks on a background with the Decimal color 4101336.



This preview shows how white text looks on a background with the Decimal color 4101336.

# 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



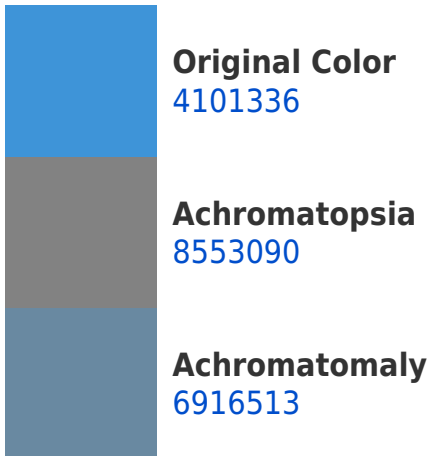


**Tritanopia**  
1220010

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4101336 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 #3E94D8 looks like.

```
.text, #text, p{  
    color:#3E94D8  
}
```

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 #3E94D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E94D8
}
```

## Border

The CSS property to change the border of an element to Decimal 4101336 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
#3E94D8 }
```

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

```
.border{ border-color:#3E94D8 }
```

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

Here you see how a box with a 4 pixel #3E94D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E94D8; -webkit-box-shadow:4px 4px  
4px 4px #3E94D8; box-shadow:4px 4px 4px  
4px #3E94D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 4101336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E94D8 }
```

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

```
.background{ background-color:#3E94D8 }
```

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