

Converting Colors

Decimal(4036531)

Have a look what the booklet for
Decimal(4036531) contains.

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Color

Decimal(4036531)

Conversions

Conversions Part 1

Format	Color
Hex	3D97B3
RGB	61, 151, 179
RGB Percent	24%, 59%, 70%
CMY	0.7608, 0.4078, 0.2980
CMYK	0.66, 0.16, 0.00, 0.30
HSL	194°, 49%, 47%
HSV	194°, 66%, 70%
XYZ	21.1278, 26.3800, 46.6261
YIQ	127.2820, -62.6280, -10.3720

Conversions

Conversions Part 2

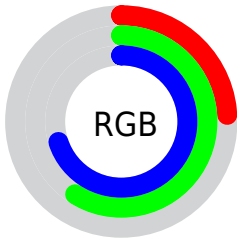
Format	Color
R _Y B	61, 112, 179
Decimal	4036531
CIE Lab	58.40, -17.79, -22.48
CIE LCh	58, 28.667, 231.644
Yxy	26.3800, 0.2244, 0.2802
Android (android.graphics.Color)	4282226611 (0xFF3D97B3)
YUV	127.2820, 25.4970, -58.1293
Hunter-Lab	51.3615, -16.4558, -17.8707

Details

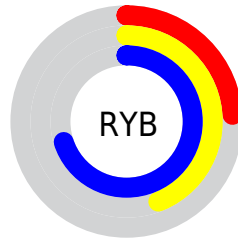
The Decimal color **4036531** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11753789**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **7982571**, and **25726** is the 20% darker color. If you saturate the color by 10%, you get **2855859**, and if you desaturate by 10%, it is **5217203**.

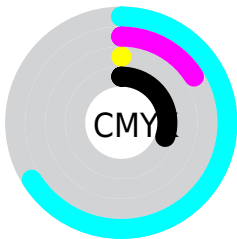
Distribution



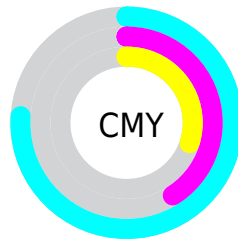
- Red (24%)
- Green (59%)
- Blue (70%)



- Red (24%)
- Yellow (44%)
- Blue (70%)



- Cyan (66%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (76%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4036531 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 4036531 by changing the saturation by 10% instead.



4036531



4036531

16777215



1408408



7982571



25726



9890559



19557



11796479



13645



13762559



8246



15663103



545



6



0



4036531



4036531

■ 2855859

■ 5217203

■ 1675187

■ 6397875

■ 494259

■ 7578803

■ 35251

■ 8759475

■ 9874611

■ 11055283

■ 12236211

■ 13416883

■ 14597555

Harmonies

Analogous

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



3709598



4036531



6263230

Triad

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



4036531



12155541



9146717

Complementary

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



4036531



11753789

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.



10782811



4036531



12483195

Square

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



4036531



10846380



11960422



7247468

Rectangle

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



4036531



7965629



11960422



9735771

Sweetspot

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



4036531



12246504



4043609



5861237



16119285



7697781

Same Dimension

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



4036531



3259880



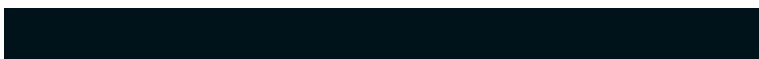
4021427



5265241



30105



4890

Inverse Universe

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



11746711



15217085



11768893



5853271



10027125



1703955

Previews

White Background



This preview shows how the Decimal color 4036531 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 4036531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

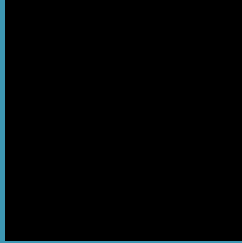
Any Text WCAG AA ✓ Pass

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 4036531 Background



This preview shows how black text looks on a background with the Decimal color 4036531.



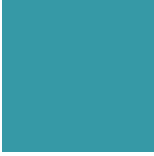
This preview shows how white text looks on a background with the Decimal color 4036531.

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
3578278

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4036531 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 #3D97B3 looks like.

```
.text, #text, p{  
    color:#3D97B3  
}
```

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 #3D97B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D97B3
}
```

Border

The CSS property to change the border of an element to Decimal 4036531 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
#3D97B3 }
```

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

```
.border{ border-color:#3D97B3 }
```

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

Here you see how a box with a 4 pixel #3D97B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D97B3; -webkit-box-shadow:4px 4px  
4px 4px #3D97B3; box-shadow:4px 4px 4px  
4px #3D97B3 }
```

Background

The CSS property to change the background color of an element to Decimal 4036531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D97B3 }
```

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

```
.background{ background-color:#3D97B3 }
```

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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