

Converting Colors

Decimal(31436)

Have a look what the booklet for
Decimal(31436) contains.

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Color

Decimal(31436)

Conversions

Conversions Part 1

Format	Color
Hex	007ACC
RGB	0, 122, 204
RGB Percent	0%, 48%, 80%
CMY	1.0000, 0.5216, 0.2000
CMYK	1.00, 0.40, 0.00, 0.20
HSL	204°, 100%, 40%
HSV	204°, 100%, 80%
XYZ	17.8586, 18.2787, 59.7136
YIQ	94.8700, -99.0340, -0.3620

Conversions

Conversions Part 2

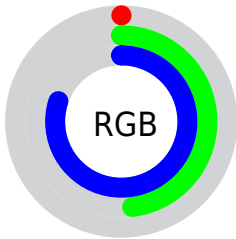
Format	Color
RYB	0, 76, 204
Decimal	31436
CIELab	49.83, 2.62, -50.20
CIELCh	50, 50.271, 272.985
Yxy	18.2787, 0.1863, 0.1907
Android (android.graphics.Color)	4278221516 (0xFF007ACC)
YUV	94.8700, 53.8011, -83.2010
Hunter-Lab	42.7536, -0.2575, -52.8824

Details

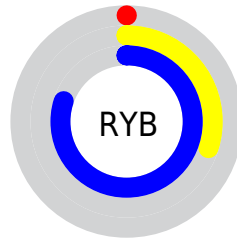
The Decimal color **31436** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **13390336**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **6467327**, and **19093** is the 20% darker color. If you saturate the color by 10%, you get **31436**, and if you desaturate by 10%, it is **1344204**.

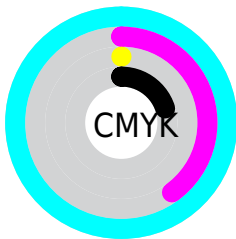
Distribution



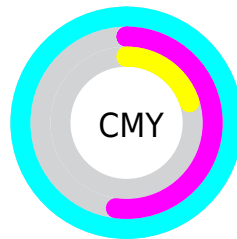
- Red (0%)
- Green (48%)
- Blue (80%)



- Red (0%)
- Yellow (30%)
- Blue (80%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)

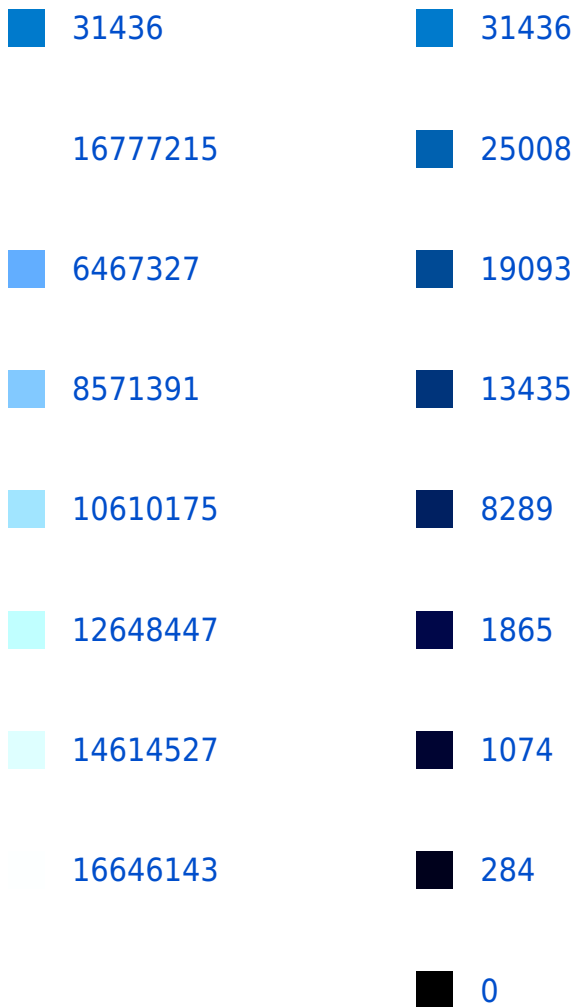


- Cyan (100%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 31436 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 31436 by changing the saturation by 10% instead.



31436

■ 1344204

■ 2722508

■ 4035532

■ 5413836

■ 6726604

■ 8039372

■ 9417676

■ 10730700

■ 12109004

Harmonies

Analogous

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



34242



31436



8219071

Triad

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



31436



12604746



1017934

Complementary

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



31436



13390336

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.



6127913



31436



11232808

Square

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



31436



12799604



9008663



35706

Rectangle

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



31436



10575275



9008663



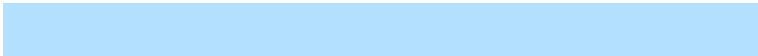
3507776

Sweetspot

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



31436



11788543



52306



5401984



0



8421504

Same Dimension

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



31436



39423



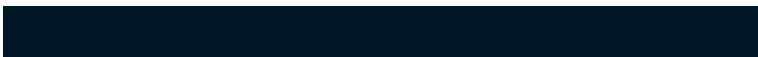
5324



6054502



25510



5926

Inverse Universe

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



13369466



16711832



13416448



6708322



10879075



2490391

Previews

White Background



This preview shows how the Decimal color 31436 looks on a white background.

Color Contrast Check

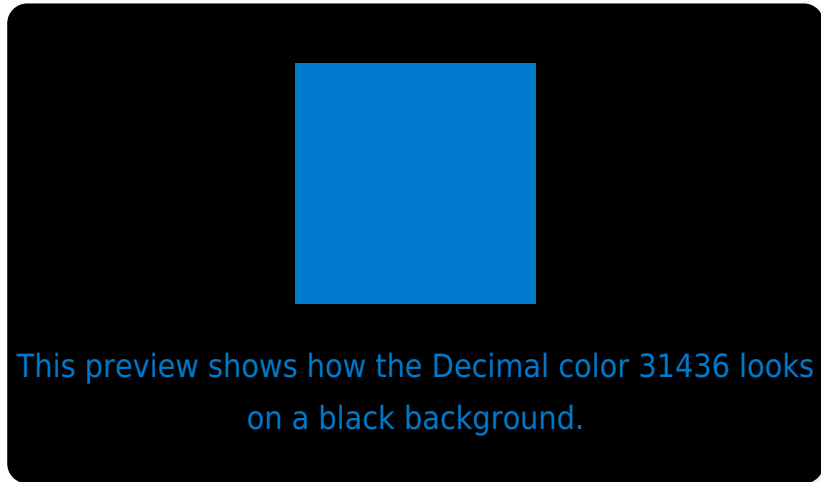
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

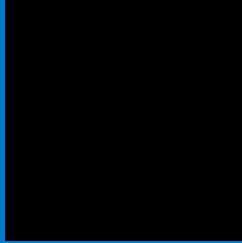
Any Text WCAG AA ✓ Pass

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 31436 Background



This preview shows how black text looks on a background with the Decimal color 31436.



This preview shows how white text looks on a background with the Decimal color 31436.

Color Blindness Simulation

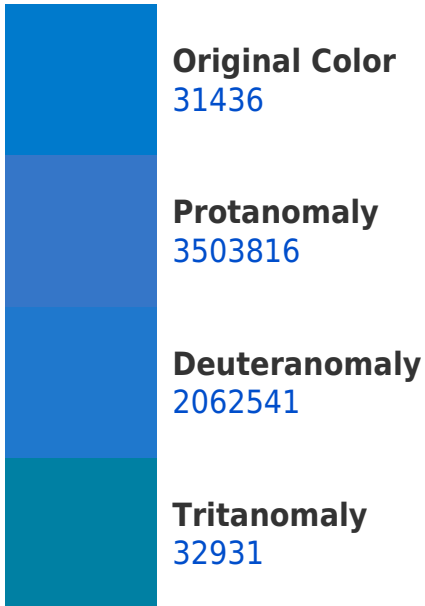
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 31436 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 #007ACC looks like.

```
.text, #text, p{  
  color:#007ACC  
}
```

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 #007ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007ACC
}
```

Border

The CSS property to change the border of an element to Decimal 31436 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
#007ACC }
```

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

```
.border{ border-color:#007ACC }
```

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

Here you see how a box with a 4 pixel #007ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007ACC; -webkit-box-shadow:4px 4px  
4px 4px #007ACC; box-shadow:4px 4px 4px  
4px #007ACC }
```

Background

The CSS property to change the background color of an element to Decimal 31436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007ACC }
```

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

```
.background{ background-color:#007ACC }
```

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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