

# Converting Colors

Decimal(6724276)

Have a look what the booklet for  
Decimal(6724276) contains.

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# Color

**Decimal(6724276)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	669AB4
RGB	102, 154, 180
RGB Percent	40%, 60%, 71%
CMY	0.6000, 0.3961, 0.2941
CMYK	0.43, 0.14, 0.00, 0.29
HSL	200°, 34%, 55%
HSV	200°, 43%, 71%
XYZ	25.2733, 29.2313, 47.4902
YIQ	141.4160, -39.3380, -2.9380

# Conversions

## Conversions Part 2

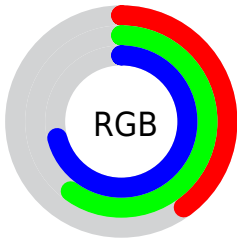
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 133, 180
Decimal	6724276
CIELab	60.99, -10.31, -18.94
CIELCh	61, 21.565, 241.439
Yxy	29.2313, 0.2478, 0.2866
Android (android.graphics.Color)	4284914356 (0xFF669AB4)
YUV	141.4160, 19.0219, -34.5678
Hunter-Lab	54.0660, -11.1750, -14.2327

# Details

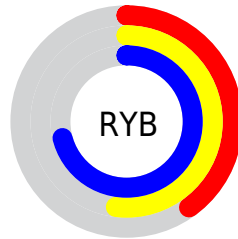
The Decimal color **6724276** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11829350**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10277100**, and **3172223** is the 20% darker color. If you saturate the color by 10%, you get **5543092**, and if you desaturate by 10%, it is **7905460**.

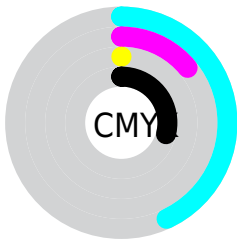
# Distribution



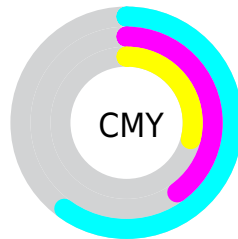
- Red (40%)
- Green (60%)
- Blue (71%)



- Red (40%)
- Yellow (52%)
- Blue (71%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (40%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6724276 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 6724276 by changing the saturation by 10% instead.





6724276



6724276

16777215



4948121



10277100



3172223



12119551



1068902



14024703



14414



15925247



9015



2338



8



0



6724276



6724276

■ 5543092

■ 7905460

■ 4361908

■ 9086644

■ 3180724

■ 10267828

■ 1999540

■ 11449012

■ 818356

■ 12630196

■ 30900

■ 13811380

■ 14992564

■ 16173748

■ 16765108

# Harmonies

## Analogous

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



6069670



6724276



8230329

# Triad

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



6724276



12092819



9214066

# Complementary

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



6724276



11829350

# 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.



10523245



6724276



12158848

# Square

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



6724276



11372710



11635826



7773312

# Rectangle

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



6724276



9408694



11635826



9672303



# Sweetspot

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



6724276



13426923



6730880



6516597



16119285



7697781



# Same Dimension

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



6724276



7455467



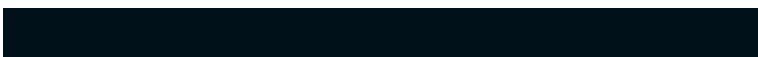
6714292



5264985



26265



4378



# Inverse Universe

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



11822746



15430082



11839334



5853270



10027110



1703953



# Previews

## White Background



This preview shows how the Decimal color 6724276 looks on a white background.

## Color Contrast Check

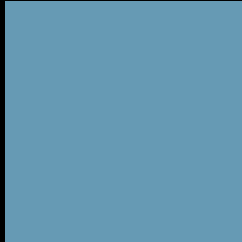
Large Text (above 18pt) WCAG AA ✓ Pass

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 6724276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

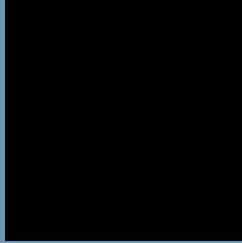
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6724276 Background



This preview shows how black text looks on a background with the Decimal color 6724276.

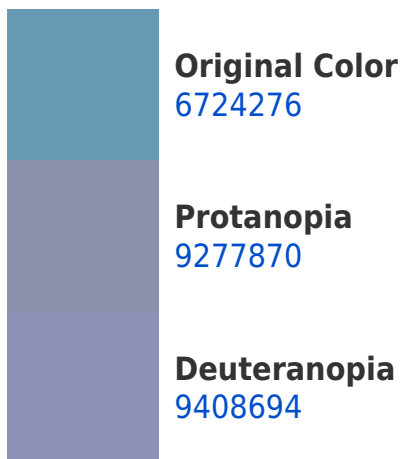



This preview shows how white text looks on a background with the Decimal color 6724276.

# 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](#).

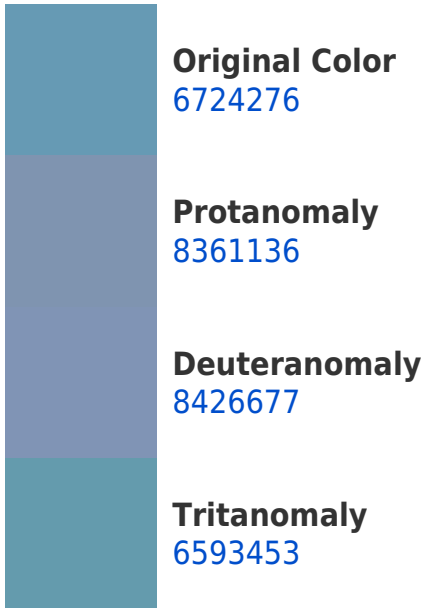
## Dichromacy





**Tritanopia**  
6528169

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6724276 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 #669AB4 looks like.

```
.text, #text, p{  
    color:#669AB4  
}
```

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 #669AB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669AB4
}
```

## Border

The CSS property to change the border of an element to Decimal 6724276 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
#669AB4 }
```

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

```
.border{ border-color:#669AB4 }
```

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

Here you see how a box with a 4 pixel #669AB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669AB4; -webkit-box-shadow:4px 4px  
4px 4px #669AB4; box-shadow:4px 4px 4px  
4px #669AB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 6724276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669AB4 }
```

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

```
.background{ background-color:#669AB4 }
```

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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