

Converting Colors

Decimal(6724090)

Have a look what the booklet for
Decimal(6724090) contains.

Decimal(6724090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6724090)

Conversions

Conversions Part 1

Format	Color
Hex	6699FA
RGB	102, 153, 250
RGB Percent	40%, 60%, 98%
CMY	0.6000, 0.4000, 0.0196
CMYK	0.59, 0.39, 0.00, 0.02
HSL	219°, 94%, 69%
HSV	219°, 59%, 98%
XYZ	34.1260, 32.5094, 94.9188
YIQ	148.8090, -61.5330, 19.3550

Conversions

Conversions Part 2

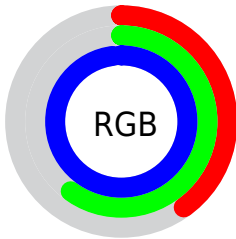
Format	Color
RYB	102, 140, 250
Decimal	6724090
CIELab	63.76, 11.57, -53.54
CIELCh	64, 54.773, 282.199
Yxy	32.5094, 0.2112, 0.2012
Android (android.graphics.Color)	4284914170 (0xFF6699FA)
YUV	148.8090, 49.8872, -41.0515
Hunter-Lab	57.0170, 7.0568, -58.7909

Details

The Decimal color **6724090** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16435046**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **10735615**, and **1664961** is the 20% darker color. If you saturate the color by 10%, you get **5081594**, and if you desaturate by 10%, it is **8366586**.

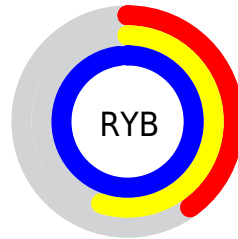
Distribution



Red (40%)

Green (60%)

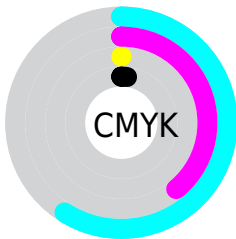
Blue (98%)



Red (40%)

Yellow (55%)

Blue (98%)

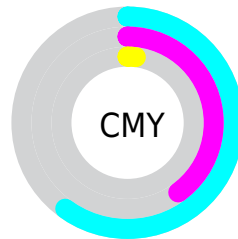


Cyan (59%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6724090 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 6724090 by changing the saturation by 10% instead.

■ 6724090

■ 6724090

16777215

■ 4554717

■ 10735615

■ 1664961

■ 12708863

■ 20389

■ 14680063

■ 14731

16646143

■ 9328

■ 4183

■ 1599

■ 808

■ 274

■ 6724090

■ 6724090

■ 5081594

■ 8366586

■ 3438842

■ 10009338

■ 1796346

■ 11651834

■ 153594

■ 13294586

■ 22266

■ 14937082

■ 16579578

■ 16777210

Harmonies

Analogous

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



43255



6724090



12027363

Triad

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



6724090



15432539



45435

Complementary

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



6724090



16435046

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.



7187022



6724090



13471035

Square

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



6724090



16084872



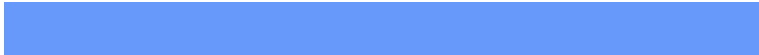
10657332



45998

Rectangle

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



6724090



14252489



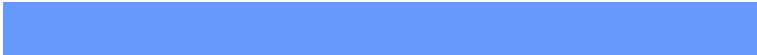
10657332



3714923

Sweetspot

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



6724090



13754879



6748870



6516096



0



8421504

Same Dimension

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



6724090



4884735



8152826



7370109



16829



5437

Inverse Universe

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



16410265



16730760



15006310



8220789



12386369



3997717

Previews

White Background



This preview shows how the Decimal color 6724090 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6724090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

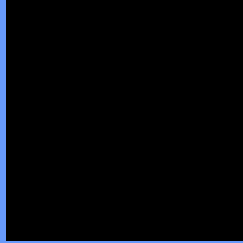
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

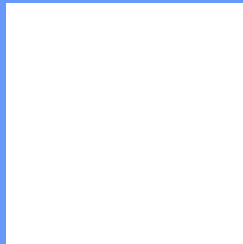
Any Text WCAG AAA ✓ Pass

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

Decimal 6724090 Background



This preview shows how black text looks on a background with the Decimal color 6724090.



This preview shows how white text looks on a background with the Decimal color 6724090.

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

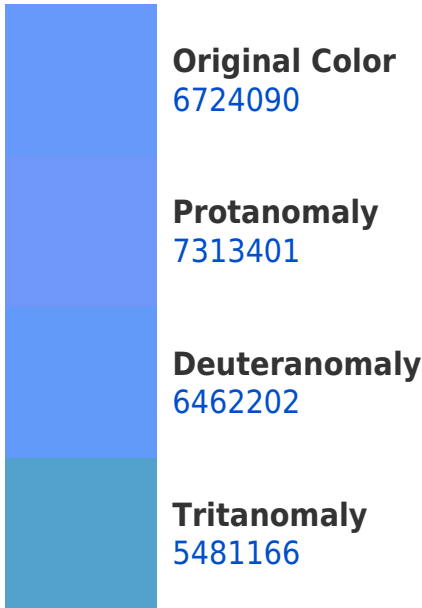


Original Color
6724090

Protanopia
7640824

Deuteranopia
6265594

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6724090 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 #6699FA looks like.

```
.text, #text, p{  
    color:#6699FA  
}
```

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 #6699FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6699FA
}
```

Border

The CSS property to change the border of an element to Decimal 6724090 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
#6699FA }
```

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

```
.border{ border-color:#6699FA }
```

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

Here you see how a box with a 4 pixel #6699FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6699FA; -webkit-box-shadow:4px 4px  
4px 4px #6699FA; box-shadow:4px 4px 4px  
4px #6699FA }
```

Background

The CSS property to change the background color of an element to Decimal 6724090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6699FA }
```

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

```
.background{ background-color:#6699FA }
```

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