

Converting Colors

Decimal(6728124)

Have a look what the booklet for
Decimal(6728124) contains.

Decimal(6728124)	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(6728124)

Conversions

Conversions Part 1

Format	Color
Hex	66A9BC
RGB	102, 169, 188
RGB Percent	40%, 66%, 74%
CMY	0.6000, 0.3373, 0.2627
CMYK	0.46, 0.10, 0.00, 0.26
HSL	193°, 39%, 57%
HSV	193°, 46%, 74%
XYZ	28.7446, 34.8316, 52.7851
YIQ	151.1330, -46.0310, -8.2950

Conversions

Conversions Part 2

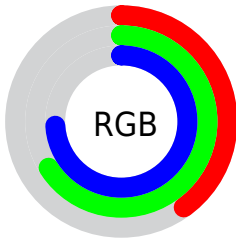
Format	Color
R _Y B	102, 140, 188
Decimal	6728124
CIE Lab	65.62, -16.18, -16.39
CIE LCh	66, 23.036, 225.371
Yxy	34.8316, 0.2470, 0.2993
Android (android.graphics.Color)	4284918204 (0xFF66A9BC)
YUV	151.1330, 18.1754, -43.0896
Hunter-Lab	59.0183, -16.3444, -11.7154

Details

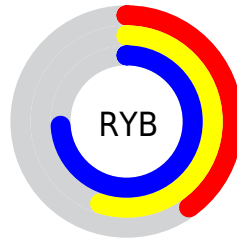
The Decimal color **6728124** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12351846**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **10346740**, and **2979207** is the 20% darker color. If you saturate the color by 10%, you get **5481916**, and if you desaturate by 10%, it is **7974332**.

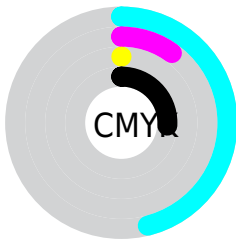
Distribution



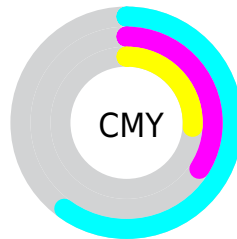
- Red (40%)
- Green (66%)
- Blue (74%)



- Red (40%)
- Yellow (55%)
- Blue (74%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6728124 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 6728124 by changing the saturation by 10% instead.



6728124



6728124

16777215



4886177



10346740



2979207



12254719



351341



14090239



17493



16056319



11838



6696



275



0



6728124



6728124

■ 5481916

■ 7974332

■ 4235708

■ 9220540

■ 3055036

■ 10401212

■ 1808572

■ 11647676

■ 562364

■ 12893884

■ 37564

■ 14140092

■ 15386300

■ 16566972

■ 16764604

Harmonies

Analogous

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



6728618



6728124



7972039

Triad

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



6728124



12751530



10789239

Complementary

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



6728124



12351846

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.



12098424



6728124



13275541

Square

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



6728124



11573180



13014147



9217922

Rectangle

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



6728124



9150664



13014147



11247478

Sweetspot

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



6728124



13889013



6732921



6715002



16448250



8026746

Same Dimension

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



6728124



7264245



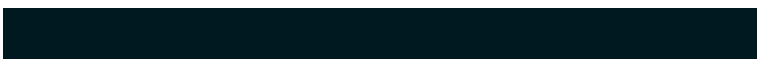
6717116



5594206



31646



6175

Inverse Universe

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



12347049



16084695



12362854



6182236



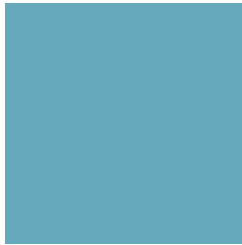
10354811



2031640

Previews

White Background



This preview shows how the Decimal color 6728124 looks on a white background.

Color Contrast Check

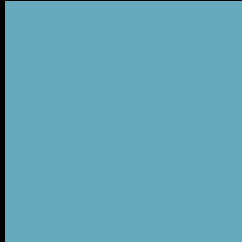
Large Text (above 18pt) WCAG AA × Fail

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 6728124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

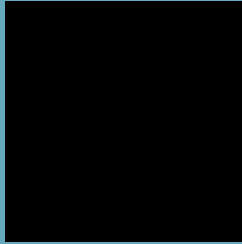
Any Text WCAG AA ✓ Pass

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 6728124 Background



This preview shows how black text looks on a background with the Decimal color 6728124.



This preview shows how white text looks on a background with the Decimal color 6728124.

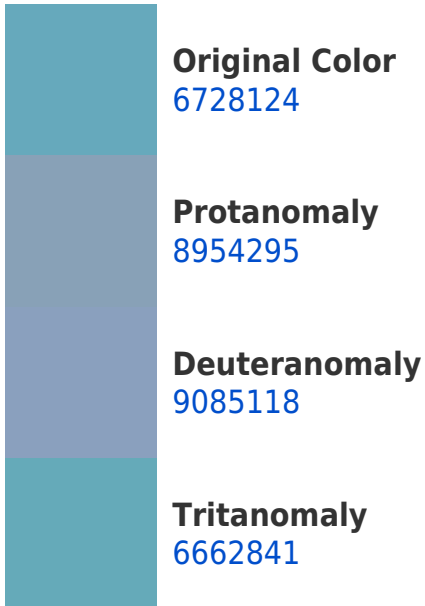
Color Blindness Simulation

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 6728124 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 #66A9BC looks like.

```
.text, #text, p{  
    color:#66A9BC  
}
```

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 #66A9BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A9BC
}
```

Border

The CSS property to change the border of an element to Decimal 6728124 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
#66A9BC }
```

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

```
.border{ border-color:#66A9BC }
```

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

Here you see how a box with a 4 pixel #66A9BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A9BC; -webkit-box-shadow:4px 4px  
4px 4px #66A9BC; box-shadow:4px 4px 4px  
4px #66A9BC }
```

Background

The CSS property to change the background color of an element to Decimal 6728124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A9BC }
```

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

```
.background{ background-color:#66A9BC }
```

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