

Converting Colors

Decimal(4951496)

Have a look what the booklet for
Decimal(4951496) contains.

Decimal(4951496)	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(4951496)

Conversions

Conversions Part 1

Format	Color
Hex	4B8DC8
RGB	75, 141, 200
RGB Percent	29%, 55%, 78%
CMY	0.7059, 0.4471, 0.2157
CMYK	0.62, 0.29, 0.00, 0.22
HSL	208°, 53%, 54%
HSV	208°, 62%, 78%
XYZ	22.8519, 24.7157, 58.2098
YIQ	127.9920, -58.2750, 4.3570

Conversions

Conversions Part 2

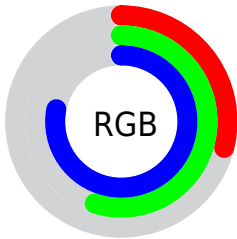
Format	Color
R_{YB}	75, 118, 200
Decimal	4951496
CIE _{Lab}	56.80, -2.87, -36.81
CIE _{LCh}	57, 36.921, 265.535
Yxy	24.7157, 0.2160, 0.2337
Android (android.graphics.Color)	4283141576 (0xFF4B8DC8)
YUV	127.9920, 35.4999, -46.4740
Hunter-Lab	49.7149, -4.9522, -34.6205

Details

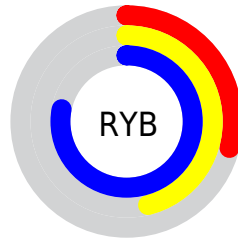
The Decimal color **4951496** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13141579**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **8831743**, and **23442** is the 20% darker color. If you saturate the color by 10%, you get **3638472**, and if you desaturate by 10%, it is **6264520**.

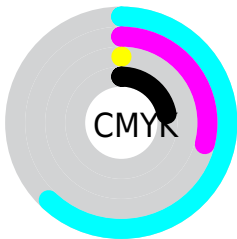
Distribution



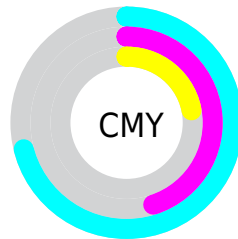
- Red (29%)
- Green (55%)
- Blue (78%)



- Red (29%)
- Yellow (46%)
- Blue (78%)



- Cyan (62%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4951496 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 4951496 by changing the saturation by 10% instead.

■ 4951496

■ 4951496

16777215

■ 2716844

■ 8831743

■ 23442

■ 10739455

■ 17528

■ 12647423

■ 11871

■ 14614527

■ 6727

■ 16580607

■ 1072

■ 282

■ 0

■ 4951496

■ 4951496

■ 3638472

■ 6264520

■ 2325192

■ 7577800

■ 1012168

■ 8890824

■ 27336

■ 10204104

■ 11517128

■ 12830408

■ 14143432

■ 15456712

■ 16769736

Harmonies

Analogous

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



38333



4951496



8684226

Triad

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



4951496



12939374



5936483

Complementary

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



4951496



13141579

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.



8490829



4951496



12155220

Square

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



4951496



12742542



10585415



2464130

Rectangle

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



4951496



10582710



10585415



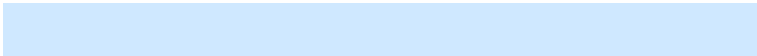
6853722

Sweetspot

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



4951496



13625599



4966533



6451840



0



8421504

Same Dimension

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



4951496



4236799



4935624



5922659



22179



4900

Inverse Universe

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



13126541



16728229



13157451



6511199



10682454



2359315

Previews

White Background



This preview shows how the Decimal color 4951496 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 4951496 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 4951496 Background



This preview shows how black text looks on a background with the Decimal color 4951496.

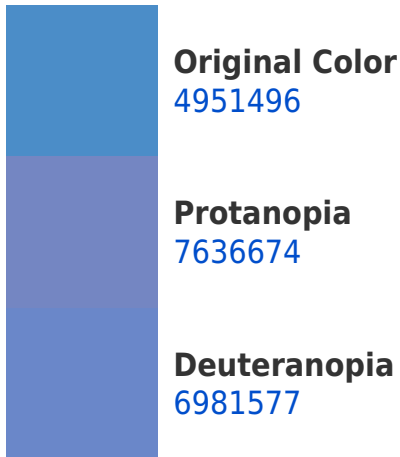


This preview shows how white text looks on a background with the Decimal color 4951496.

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



Original Color
4951496

Protanomaly
6654404

Deuteranomaly
6261193

Tritanomaly
4100783

Monochromacy



Original Color
4951496

Achromatopsia
8421504

Achromatomaly
7177626

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4951496 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 #4B8DC8 looks like.

```
.text, #text, p{  
    color:#4B8DC8  
}
```

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 #4B8DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8DC8
}
```

Border

The CSS property to change the border of an element to Decimal 4951496 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
#4B8DC8 }
```

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

```
.border{ border-color:#4B8DC8 }
```

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

Here you see how a box with a 4 pixel #4B8DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8DC8; -webkit-box-shadow:4px 4px  
4px 4px #4B8DC8; box-shadow:4px 4px 4px  
4px #4B8DC8 }
```

Background

The CSS property to change the background color of an element to Decimal 4951496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8DC8 }
```

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

```
.background{ background-color:#4B8DC8 }
```

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