

Converting Colors

Decimal(5563124)

Have a look what the booklet for
Decimal(5563124) contains.

Decimal(5563124)	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(5563124)

Conversions

Conversions Part 1

Format	Color
Hex	54E2F4
RGB	84, 226, 244
RGB Percent	33%, 89%, 96%
CMY	0.6706, 0.1137, 0.0431
CMYK	0.66, 0.07, 0.00, 0.04
HSL	187°, 88%, 64%
HSV	187°, 66%, 96%
XYZ	47.1816, 62.8092, 95.2246
YIQ	185.5940, -90.4100, -24.5060

Conversions

Conversions Part 2

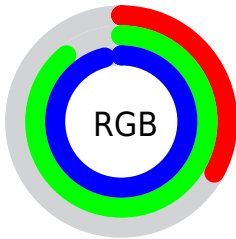
Format	Color
R_{YB}	84, 159, 244
Decimal	5563124
CIE _{Lab}	83.34, -32.30, -19.98
CIE _{LCh}	83, 37.982, 211.741
Yxy	62.8092, 0.2299, 0.3061
Android (android.graphics.Color)	4283753204 (0xFF54E2F4)
YUV	185.5940, 28.7942, -89.0979
Hunter-Lab	79.2522, -32.4241, -15.7626

Details

The Decimal color **5563124** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **16016980**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **9895935**, and **43708** is the 20% darker color. If you saturate the color by 10%, you get **3989492**, and if you desaturate by 10%, it is **7136756**.

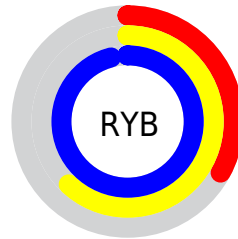
Distribution



Red (33%)

Green (89%)

Blue (96%)



Red (33%)

Yellow (62%)

Blue (96%)

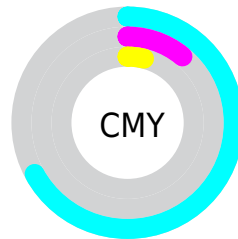


Cyan (66%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (67%)

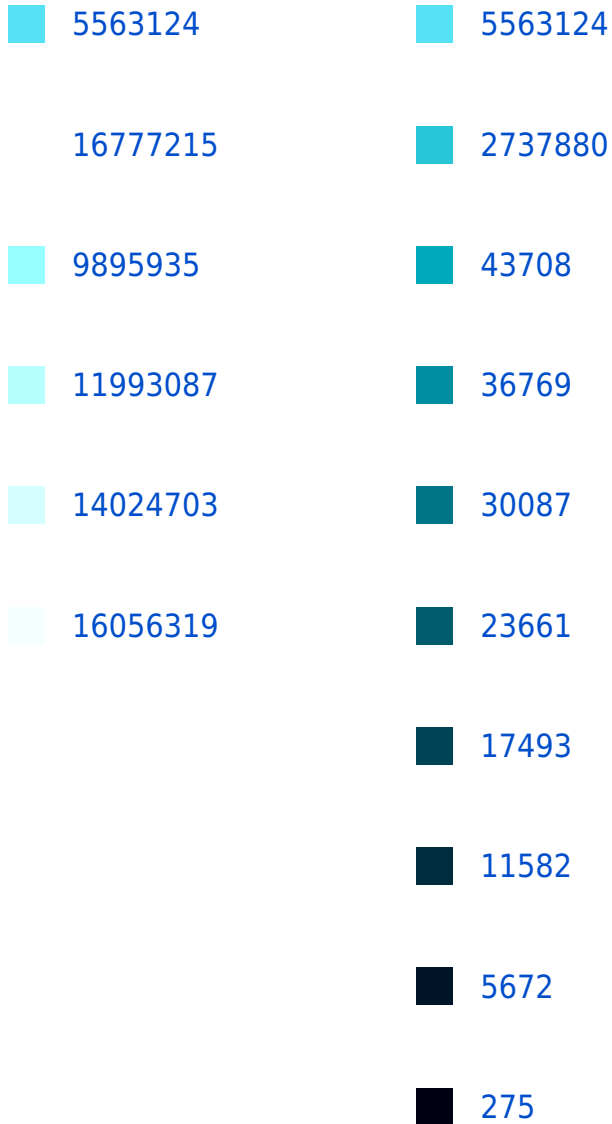
Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5563124 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 5563124 by changing the saturation by 10% instead.



■ 5563124

■ 5563124

■ 3989492

■ 7136756

■ 2350580

■ 8775668

■ 776948

■ 10349300

■ 55796

■ 11988468

■ 13562100

■ 15135476

■ 16774644

■ 16775412

■ 16776180

Harmonies

Analogous

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



7136209



5563124



7199999

Triad

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



5563124



16759538



15126152

Complementary

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



5563124



16016980

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.



16761490



5563124



16758223

Square

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



5563124



14141183



16758956



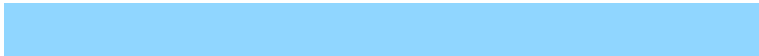
12638610

Rectangle

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



5563124



9492223



16758956



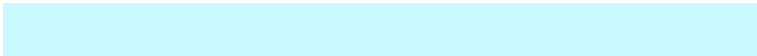
15846025

Sweetspot

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



5563124



13433343



5567588



6388864



0



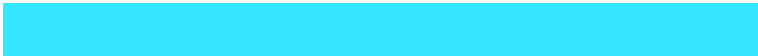
8421504

Same Dimension

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



5563124



3598591



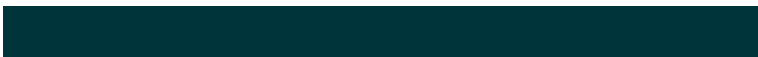
5543156



7240058



42426



13371

Inverse Universe

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



16012514



16725736



16036948



8023673



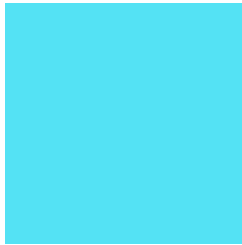
12189861



3866676

Previews

White Background



This preview shows how the Decimal color 5563124 looks on a white background.

Color Contrast Check

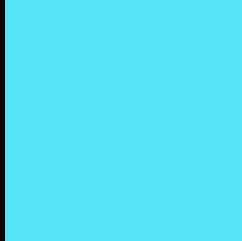
Large Text (above 18pt) WCAG AA × Fail

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 5563124 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 5563124 Background



This preview shows how black text looks on a background with the Decimal color 5563124.

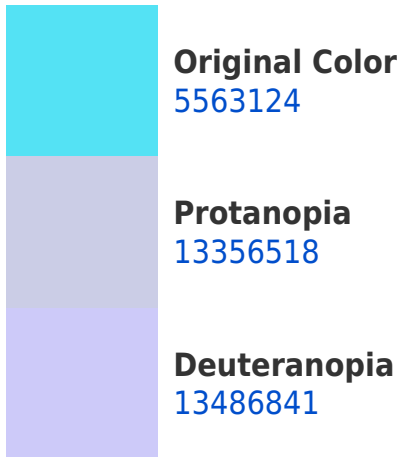


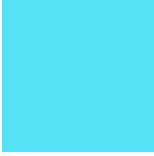
This preview shows how white text looks on a background with the Decimal color 5563124.

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



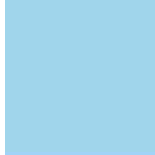


Tritanopia
5563124

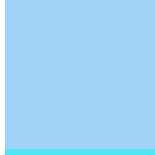
Trichromacy



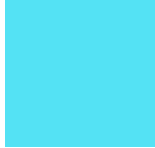
Original Color
5563124



Protanomaly
10540523



Deuteranomaly
10605559

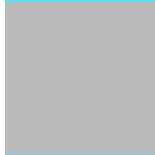


Tritanomaly
5563124

Monochromacy



Original Color
5563124



Achromatopsia
12237498



Achromatomaly
9816527

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5563124 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 #54E2F4 looks like.

```
.text, #text, p{  
    color:#54E2F4  
}
```

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 #54E2F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54E2F4
}
```

Border

The CSS property to change the border of an element to Decimal 5563124 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
#54E2F4 }
```

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

```
.border{ border-color:#54E2F4 }
```

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

Here you see how a box with a 4 pixel #54E2F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54E2F4; -webkit-box-shadow:4px 4px  
4px 4px #54E2F4; box-shadow:4px 4px 4px  
4px #54E2F4 }
```

Background

The CSS property to change the background color of an element to Decimal 5563124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54E2F4 }
```

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

```
.background{ background-color:#54E2F4 }
```

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