

Converting Colors

Decimal(5626097)

Have a look what the booklet for
Decimal(5626097) contains.

Decimal(5626097)	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(5626097)

Conversions

Conversions Part 1

Format	Color
Hex	55D8F1
RGB	85, 216, 241
RGB Percent	33%, 85%, 95%
CMY	0.6667, 0.1529, 0.0549
CMYK	0.65, 0.10, 0.00, 0.05
HSL	190°, 85%, 64%
HSV	190°, 65%, 95%
XYZ	44.1794, 57.3939, 91.9687
YIQ	179.6810, -86.1010, -19.9970

Conversions

Conversions Part 2

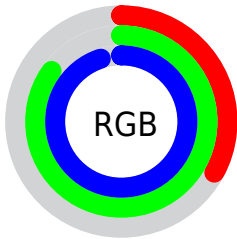
Format	Color
R _{YB}	85, 156, 241
Decimal	5626097
CIE Lab	80.40, -28.21, -22.85
CIE LCh	80, 36.298, 219.009
Yxy	57.3939, 0.2283, 0.2965
Android (android.graphics.Color)	4283816177 (0xFF55D8F1)
YUV	179.6810, 30.2303, -83.0352
Hunter-Lab	75.7588, -28.4841, -18.9450

Details

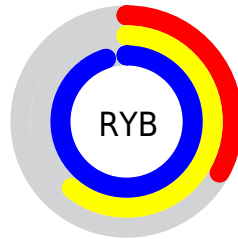
The Decimal color **5626097** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **15822421**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9895935**, and **41401** is the 20% darker color. If you saturate the color by 10%, you get **4052209**, and if you desaturate by 10%, it is **7199985**.

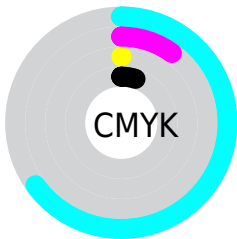
Distribution



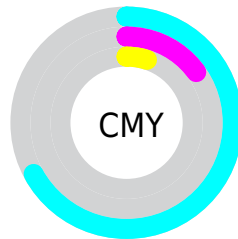
- Red (33%)
- Green (85%)
- Blue (95%)



- Red (33%)
- Yellow (61%)
- Blue (95%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (67%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5626097 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 5626097 by changing the saturation by 10% instead.

 5626097

 5626097

16777215

 2931925

 9895935

 41401

 11927551

 34462

 13959167

 28036

 15990783

 21611

 15442

 10043

 1318

 271

■ 5626097

■ 5626097

■ 4052209

■ 7199985

■ 2478321

■ 8773873

■ 904433

■ 10347761

■ 51953

■ 11921393

■ 13495281

■ 15134705

■ 16708593

■ 16775153

■ 16776177

Harmonies

Analogous

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



6478545



5626097



7787263

Triad

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



5626097



16495073



14010756

Complementary

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



5626097



15822421

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.



15973769



5626097



16756414

Square

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



5626097



14269436



16757662



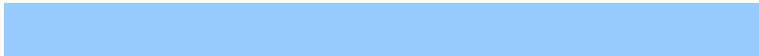
11522706

Rectangle

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



5626097



10013695



16757662



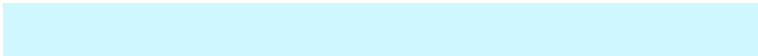
14730628

Sweetspot

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



5626097



13629439



5632364



6454144



0



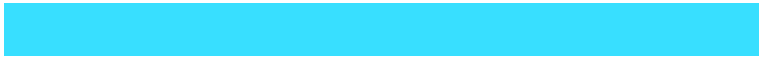
8421504

Same Dimension

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



5626097



3727359



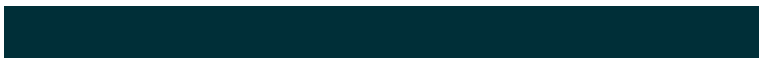
5606641



7108216



39608



12088

Inverse Universe

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



15816152



16726239



15841877



7892086



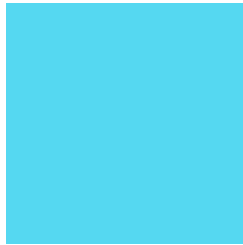
12058778



3670063

Previews

White Background



This preview shows how the Decimal color 5626097 looks on a white background.

Color Contrast Check

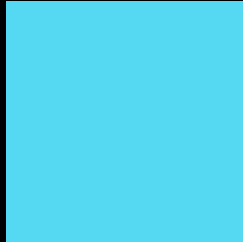
Large Text (above 18pt) WCAG AA × Fail

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 5626097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

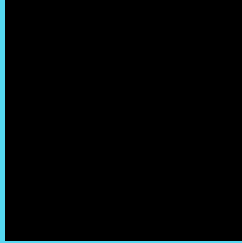
Any Text WCAG AA ✓ Pass

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 5626097 Background



This preview shows how black text looks on a background with the Decimal color 5626097.

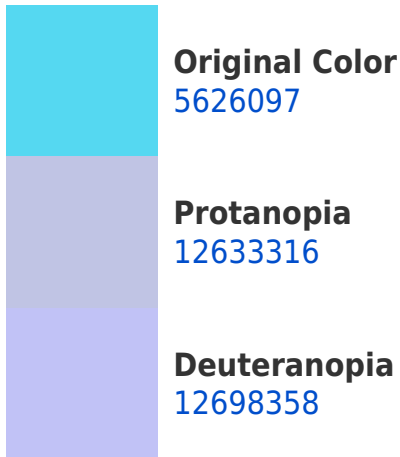


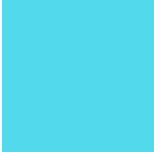
This preview shows how white text looks on a background with the Decimal color 5626097.

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](#).

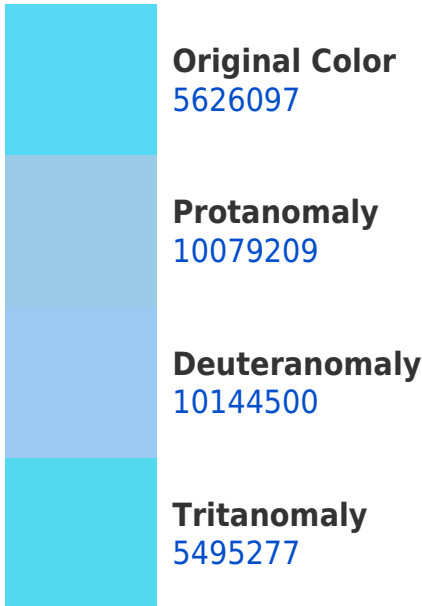
Dichromacy



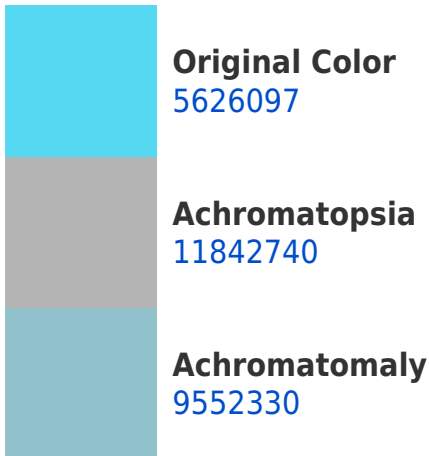


Tritanopia
5429739

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5626097 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 #55D8F1 looks like.

```
.text, #text, p{  
    color:#55D8F1  
}
```

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 #55D8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D8F1
}
```

Border

The CSS property to change the border of an element to Decimal 5626097 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
#55D8F1 }
```

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

```
.border{ border-color:#55D8F1 }
```

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

Here you see how a box with a 4 pixel #55D8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D8F1; -webkit-box-shadow:4px 4px  
4px 4px #55D8F1; box-shadow:4px 4px 4px  
4px #55D8F1 }
```

Background

The CSS property to change the background color of an element to Decimal 5626097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D8F1 }
```

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

```
.background{ background-color:#55D8F1 }
```

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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