

Converting Colors

Decimal(6996705)

Have a look what the booklet for
Decimal(6996705) contains.

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Color

Decimal(6996705)

Conversions

Conversions Part 1	
Format	Color
Hex	6AC2E1
RGB	106, 194, 225
RGB Percent	42%, 76%, 88%
CMY	0.5843, 0.2392, 0.1176
CMYK	0.53, 0.14, 0.00, 0.12
HSL	196°, 66%, 65%
HSV	196°, 53%, 88%
XYZ	38.8263, 47.0840, 78.2759
YIQ	171.2220, -62.3990, -9.0150

Conversions

Conversions Part 2

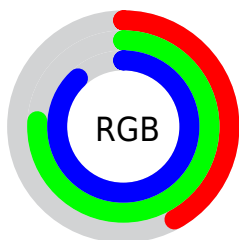
Format	Color
RYB	106, 157, 225
Decimal	6996705
CIELab	74.24, -17.99, -23.57
CIELCh	74, 29.652, 232.654
Yxy	47.0840, 0.2365, 0.2868
Android (android.graphics.Color)	4285186785 (0xFF6AC2E1)
YUV	171.2220, 26.5126, -57.1997
Hunter-Lab	68.6178, -19.0798, -19.6028

Details

The Decimal color **6996705** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **14780778**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10812415**, and **2722986** is the 20% darker color. If you saturate the color by 10%, you get **5553377**, and if you desaturate by 10%, it is **8505569**.

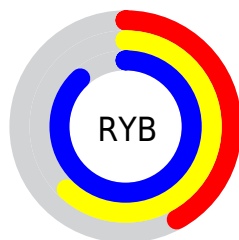
Distribution



Red (42%)

Green (76%)

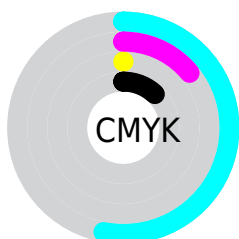
Blue (88%)



Red (42%)

Yellow (62%)

Blue (88%)

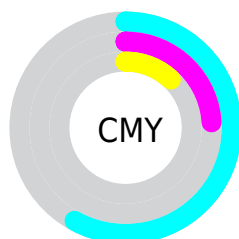


Cyan (53%)

Magenta (14%)

Yellow (0%)

Black (12%)



Cyan (58%)

Magenta (24%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6996705 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 6996705 by changing the saturation by 10% instead.

 6996705

 6996705

16777215

 5023685

 10812415

 2722986

 12779519

 29583

 14680063

 23157

16711679

 16989

 11333

 6446

 282

 0

 6996705

 6996705

 5553377

 8505569

 4044513

 9948897

 2601185

 11392225

 1092577

 12900833

 42721

 14409697

 15853025

 16772065

 16773601

 16775137

Harmonies

Analogous

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



6538699



6996705



9092076

Triad

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



6996705



15246270



11910020

Complementary

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



6996705



14780778

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.



13677441



6996705



15639459

Square

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



6996705



13871576



15051404



9814677

Rectangle

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



6996705



10860011



15051404



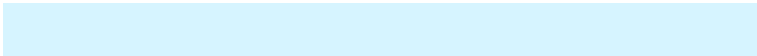
12499329

Sweetspot

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



6996705



14087423



7004552



6781312



0



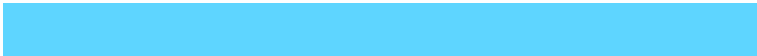
8421504

Same Dimension

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



6996705



6215167



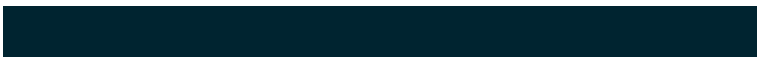
6981857



6647152



33456



9264

Inverse Universe

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



14772930



16735957



14795626



7365997



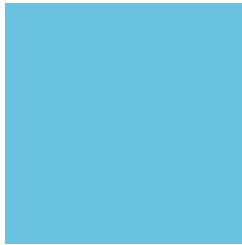
11534466



3145764

Previews

White Background



This preview shows how the Decimal color 6996705 looks on a white background.

Color Contrast Check

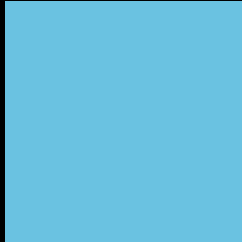
Large Text (above 18pt) WCAG AA × Fail

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 6996705 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 6996705 Background



This preview shows how black text looks on a background with the Decimal color 6996705.

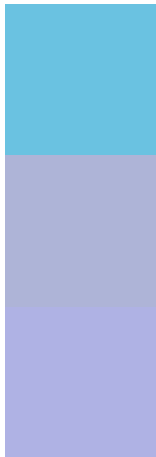


This preview shows how white text looks on a background with the Decimal color 6996705.

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](#).

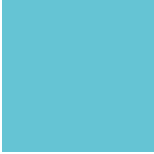
Dichromacy



Original Color
6996705

Protanopia
11449559

Deuteranopia
11514596



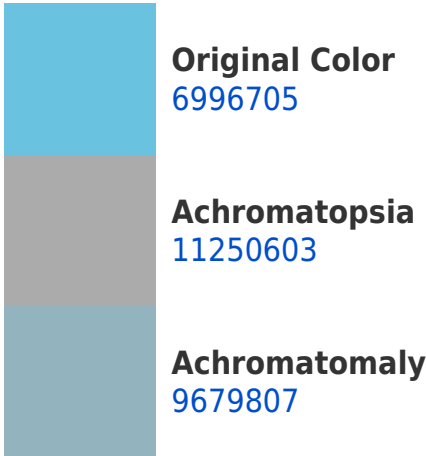
Tritanopia

6669524

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6996705 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 #6AC2E1 looks like.

```
.text, #text, p{  
    color:#6AC2E1  
}
```

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 #6AC2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC2E1
}
```

Border

The CSS property to change the border of an element to Decimal 6996705 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
#6AC2E1 }
```

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

```
.border{ border-color:#6AC2E1 }
```

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

Here you see how a box with a 4 pixel #6AC2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC2E1; -webkit-box-shadow:4px 4px  
4px 4px #6AC2E1; box-shadow:4px 4px 4px  
4px #6AC2E1 }
```

Background

The CSS property to change the background color of an element to Decimal 6996705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC2E1 }
```

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

```
.background{ background-color:#6AC2E1 }
```

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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