

Converting Colors

Decimal(5695206)

Have a look what the booklet for
Decimal(5695206) contains.

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Color

Decimal(5695206)

Conversions

Conversions Part 1

Format	Color
Hex	56E6E6
RGB	86, 230, 230
RGB Percent	34%, 90%, 90%
CMY	0.6627, 0.0980, 0.0980
CMYK	0.63, 0.00, 0.00, 0.10
HSL	180°, 74%, 62%
HSV	180°, 63%, 90%
XYZ	46.4175, 64.2852, 84.8247
YIQ	186.9440, -85.8240, -30.5280

Conversions

Conversions Part 2

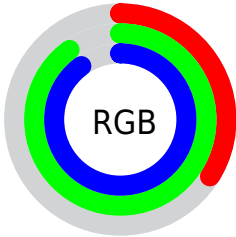
Format	Color
RYB	86, 158, 230
Decimal	5695206
CIELab	84.11, -37.78, -11.42
CIELCh	84, 39.466, 196.816
Yxy	64.2852, 0.2374, 0.3288
Android (android.graphics.Color)	4283885286 (0xFF56E6E6)
YUV	186.9440, 21.2266, -88.5279
Hunter-Lab	80.1781, -36.9726, -6.6015

Details

The Decimal color **5695206** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **15095382**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **9961471**, and **44719** is the 20% darker color. If you saturate the color by 10%, you get **4187878**, and if you desaturate by 10%, it is **7202534**.

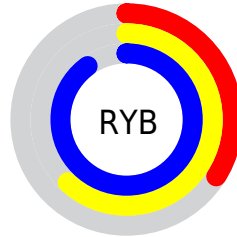
Distribution



Red (34%)

Green (90%)

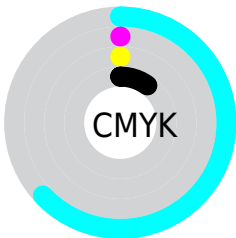
Blue (90%)



Red (34%)

Yellow (62%)

Blue (90%)

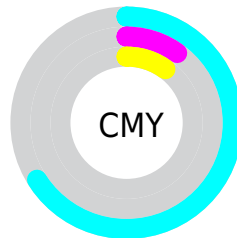


Cyan (63%)

Magenta (0%)

Yellow (0%)

Black (10%)



Cyan (66%)

Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5695206 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 5695206 by changing the saturation by 10% instead.

5695206

5695206

16777215

3066570

9961471

44719

11993087

37780

14024703

31098

16056319

24417

18250

12083

6174

3

■ 5695206

■ 5695206

■ 4187878

■ 7202534

■ 2680550

■ 8709862

■ 1173222

■ 10217190

■ 59110

■ 11724518

■ 13231846

■ 14739174

■ 16246502

■ 16770790

Harmonies

Analogous

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



8381888



5695206



5563391

Triad

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



5695206



15778303



16435850

Complementary

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



5695206



15095382

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.



16760477



5695206



16758756

Square

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



5695206



12570367



16758462



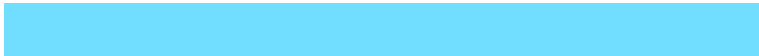
14079626

Rectangle

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



5695206



7528191



16758462



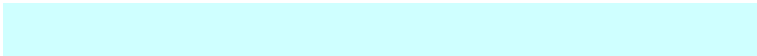
16762510

Sweetspot

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



5695206



13631487



5695062



6455424



0



8421504

Same Dimension

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



5695206



4259839



5676774



6779763



46003



13107

Inverse Universe

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



15095526



16728319



15113814



7563123



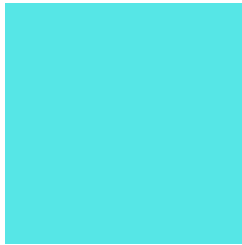
11731123



3342387

Previews

White Background



This preview shows how the Decimal color 5695206 looks on a white background.

Color Contrast Check

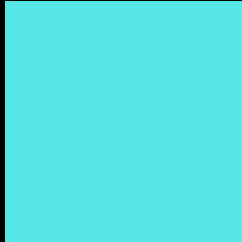
Large Text (above 18pt) WCAG AA × Fail

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 5695206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

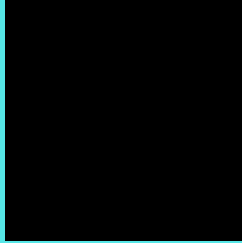
Any Text WCAG AA ✓ Pass

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 5695206 Background



This preview shows how black text looks on a background with the Decimal color 5695206.



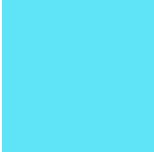
This preview shows how white text looks on a background with the Decimal color 5695206.

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
6218998

Trichromacy



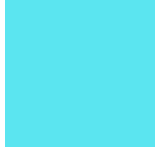
Original Color
5695206



Protanomaly
10868701



Deuteranomaly
11064810

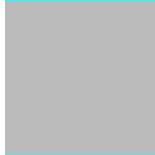


Tritanomaly
6022640

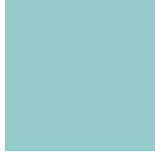
Monochromacy



Original Color
5695206



Achromatopsia
12303291



Achromatomaly
9882571

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5695206 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 #56E6E6 looks like.

```
.text, #text, p{  
    color:#56E6E6  
}
```

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 #56E6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E6E6
}
```

Border

The CSS property to change the border of an element to Decimal 5695206 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
#56E6E6 }
```

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

```
.border{ border-color:#56E6E6 }
```

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

Here you see how a box with a 4 pixel #56E6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E6E6; -webkit-box-shadow:4px 4px  
4px 4px #56E6E6; box-shadow:4px 4px 4px  
4px #56E6E6 }
```

Background

The CSS property to change the background color of an element to Decimal 5695206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E6E6 }
```

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

```
.background{ background-color:#56E6E6 }
```

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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