

Converting Colors

Decimal(6147308)

Have a look what the booklet for
Decimal(6147308) contains.

| | |
|--|----|
| Decimal(6147308) | 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(6147308)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DCCEC |
| RGB | 93, 204, 236 |
| RGB Percent | 36%, 80%, 93% |
| CMY | 0.6353, 0.2000, 0.0745 |
| CMYK | 0.61, 0.14, 0.00, 0.07 |
| HSL | 193°, 79%, 65% |
| HSV | 193°, 61%, 93% |
| XYZ | 41.2474, 51.5690, 87.1367 |
| YIQ | 174.4590, -76.4280, -13.5800 |

Conversions

Conversions Part 2

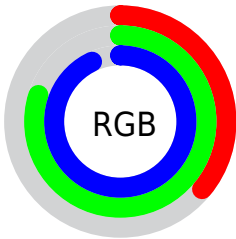
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 93, 155, 236 |
| Decimal | 6147308 |
| CIE _{Lab} | 77.02, -22.41, -25.30 |
| CIE _{LCh} | 77, 33.799, 228.469 |
| Yxy | 51.5690, 0.2292, 0.2866 |
| Android (android.graphics.Color) | 4284337388 (0xFF5DCCEC) |
| YUV | 174.4590, 30.3397, -71.4395 |
| Hunter-Lab | 71.8116, -23.1428, -21.6749 |

Details

The Decimal color **6147308** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **15498589**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **10223615**, and **38580** is the 20% darker color. If you saturate the color by 10%, you get **4573164**, and if you desaturate by 10%, it is **7721452**.

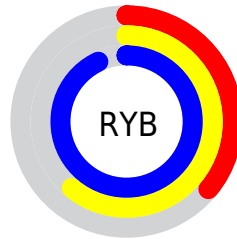
Distribution



Red (36%)

Green (80%)

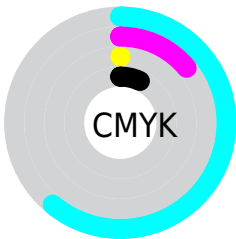
Blue (93%)



Red (36%)

Yellow (61%)

Blue (93%)

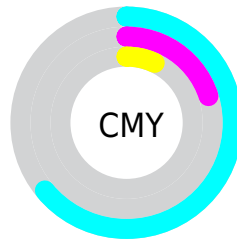


Cyan (61%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (64%)

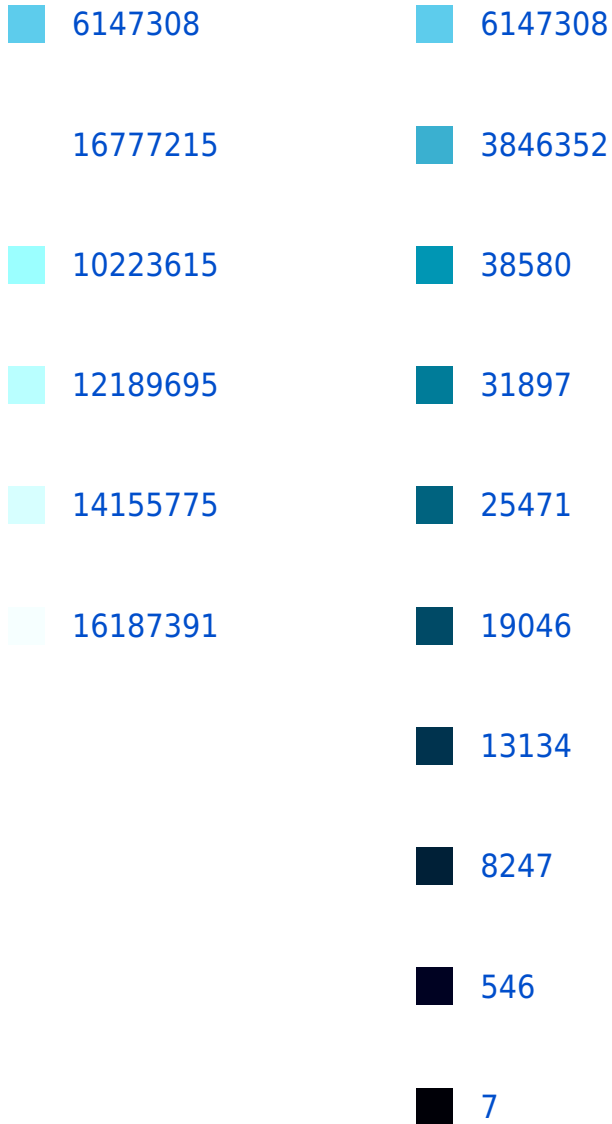
Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6147308 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 6147308 by changing the saturation by 10% instead.



■ 6147308

■ 6147308

■ 4573164

■ 7721452

■ 3064300

■ 9230316

■ 1490156

■ 10804460

■ 47084

■ 12313068

■ 13887212

■ 15461612

■ 16773612

■ 16774892

■ 16776428

Harmonies

Analogous

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



6016977



6147308



8570363

Triad

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



6147308



16033996



12632706

Complementary

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



6147308



15498589

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.



14661761



6147308



16623532

Square

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



6147308



14331880



16101009



10341012

Rectangle

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



6147308



10665724



16101009



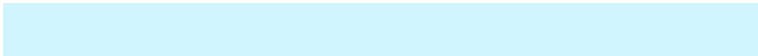
13352832

Sweetspot

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



6147308



13759999



6155388



6519168



0



8421504

Same Dimension

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



6147308



4576767



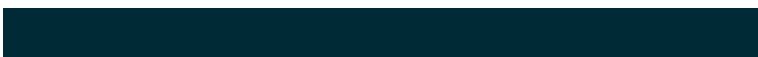
6129388



6976373



36277



10806

Inverse Universe

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



15490508



16729557



15516509



7694963



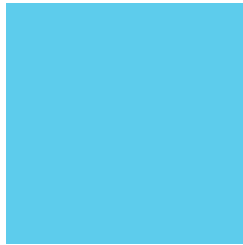
11862157



3538986

Previews

White Background



This preview shows how the Decimal color 6147308 looks on a white background.

Color Contrast Check

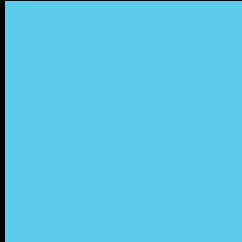
Large Text (above 18pt) WCAG AA × Fail

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 6147308 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 6147308 Background



This preview shows how black text looks on a background with the Decimal color 6147308.



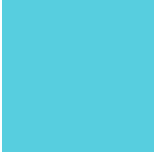
This preview shows how white text looks on a background with the Decimal color 6147308.

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
5754591

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6147308 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 #5DCCEC looks like.

```
.text, #text, p{  
    color:#5DCCEC  
}
```

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 #5DCCEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DCCEC
}
```

Border

The CSS property to change the border of an element to Decimal 6147308 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
#5DCCEC }
```

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

```
.border{ border-color:#5DCCEC }
```

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

Here you see how a box with a 4 pixel #5DCCEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DCCEC; -webkit-box-shadow:4px 4px  
4px 4px #5DCCEC; box-shadow:4px 4px 4px  
4px #5DCCEC }
```

Background

The CSS property to change the background color of an element to Decimal 6147308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DCCEC }
```

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

```
.background{ background-color:#5DCCEC }
```

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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