

Converting Colors

Decimal(6336431)

Have a look what the booklet for
Decimal(6336431) contains.

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Color

Decimal(6336431)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60AFAF |
| RGB | 96, 175, 175 |
| RGB Percent | 38%, 69%, 69% |
| CMY | 0.6235, 0.3137, 0.3137 |
| CMYK | 0.45, 0.00, 0.00, 0.31 |
| HSL | 180°, 33%, 53% |
| HSV | 180°, 45%, 69% |
| XYZ | 27.8917, 36.2419, 46.0828 |
| YIQ | 151.3790, -47.0840, -16.7480 |

Conversions

Conversions Part 2

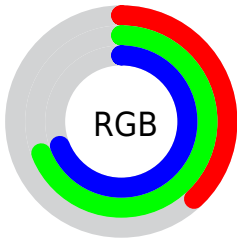
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 96, 136, 175 |
| Decimal | 6336431 |
| CIELab | 66.70, -24.22, -7.57 |
| CIELCh | 67, 25.376, 197.350 |
| Yxy | 36.2419, 0.2531, 0.3288 |
| Android (android.graphics.Color) | 4284526511 (0xFF60AF AF) |
| YUV | 151.3790, 11.6452, -48.5674 |
| Hunter-Lab | 60.2012, -22.6517, -3.2444 |

Details

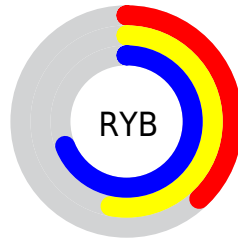
The Decimal color **6336431** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11493472**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9955302**, and **2521723** is the 20% darker color. If you saturate the color by 10%, you get **5156783**, and if you desaturate by 10%, it is **7516079**.

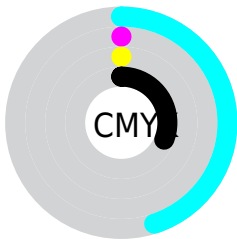
Distribution



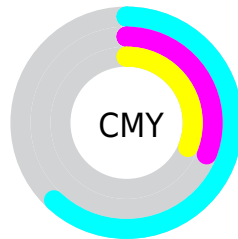
- Red (38%)
- Green (69%)
- Blue (69%)



- Red (38%)
- Yellow (53%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6336431 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 6336431 by changing the saturation by 10% instead.

6336431

6336431

16777215

4494484

9955302

2521723

11862015

24930

13697023

18762

15663103

12852

7966

5

0

6336431

6336431

■ 5156783

■ 7516079

■ 4042671

■ 8630191

■ 2928559

■ 9744303

■ 1748911

■ 10923951

■ 634799

■ 12103599

■ 44975

■ 13217711

■ 14397359

■ 15511471

■ 16691119

Harmonies

Analogous

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



7515800



6336431



6401475

Triad

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



6336431



11966657



12361078

Complementary

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



6336431



11493472

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.



13342338



6336431



13276077

Square

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



6336431



10068174



13734550



10855798

Rectangle

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



6336431



7317964



13734550



12753785

Sweetspot

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



6336431



12837859



6336352



6255475



15921906



7566195

Same Dimension

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



6336431



6874083



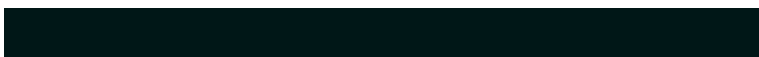
6326447



5134167



38550



5911

Inverse Universe

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



11493551



14903523



11503712



5721687



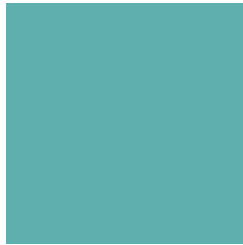
9830550



1507351

Previews

White Background



This preview shows how the Decimal color 6336431 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 6336431 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 6336431 Background



This preview shows how black text looks on a background with the Decimal color 6336431.

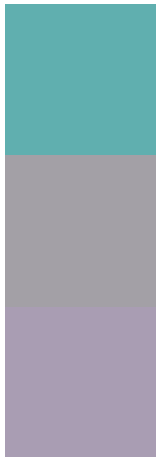


This preview shows how white text looks on a background with the Decimal color 6336431.

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
6336431

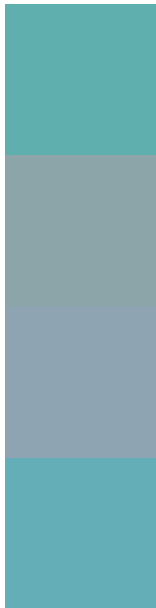
Protanopia
10723494

Deuteranopia
11115955



Tritanopia
6598075

Trichromacy



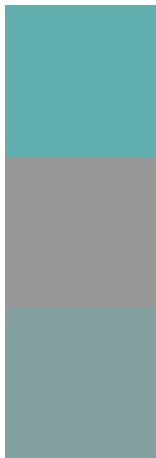
Original Color
6336431

Protanomaly
9151913

Deuteranomaly
9348274

Tritanomaly
6532791

Monochromacy



Original Color
6336431

Achromatopsia
9934743

Achromatomaly
8626336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6336431 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 #60AFAF looks like.

```
.text, #text, p{  
    color:#60AFAF  
}
```

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 #60AF AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AF AF  
}
```

Border

The CSS property to change the border of an element to Decimal 6336431 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  
#60AF AF }
```

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

```
.border{ border-color:#60AFAF }
```

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

Here you see how a box with a 4 pixel #60AFAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AFAF; -webkit-box-shadow:4px 4px  
4px 4px #60AFAF; box-shadow:4px 4px 4px  
4px #60AFAF }
```

Background

The CSS property to change the background color of an element to Decimal 6336431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AFAF }
```

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

```
.background{ background-color:#60AFAF }
```

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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