

Converting Colors

Decimal(6019290)

Have a look what the booklet for
Decimal(6019290) contains.

Decimal(6019290)	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(6019290)

Conversions

Conversions Part 1

Format	Color
Hex	5BD8DA
RGB	91, 216, 218
RGB Percent	36%, 85%, 85%
CMY	0.6431, 0.1529, 0.1451
CMYK	0.58, 0.01, 0.00, 0.15
HSL	181°, 63%, 61%
HSV	181°, 58%, 85%
XYZ	41.5251, 56.3978, 75.0269
YIQ	178.8530, -75.1420, -25.8780

Conversions

Conversions Part 2

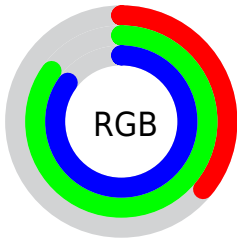
Format	Color
RYB	91, 154, 218
Decimal	6019290
CIELab	79.84, -33.70, -11.41
CIELCh	80, 35.584, 198.702
Yxy	56.3978, 0.2401, 0.3261
Android (android.graphics.Color)	4284209370 (0xFF5BD8DA)
YUV	178.8530, 19.2995, -77.0471
Hunter-Lab	75.0985, -32.7221, -6.6646

Details

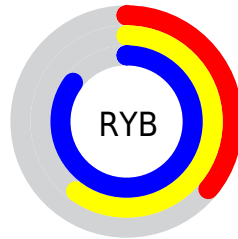
The Decimal color **6019290** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14310747**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **10092543**, and **41379** is the 20% darker color. If you saturate the color by 10%, you get **4577498**, and if you desaturate by 10%, it is **7461082**.

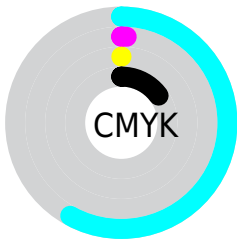
Distribution



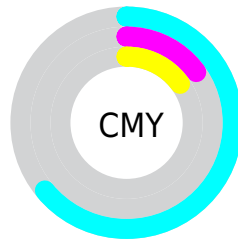
- Red (36%)
- Green (85%)
- Blue (85%)



- Red (36%)
- Yellow (60%)
- Blue (85%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)

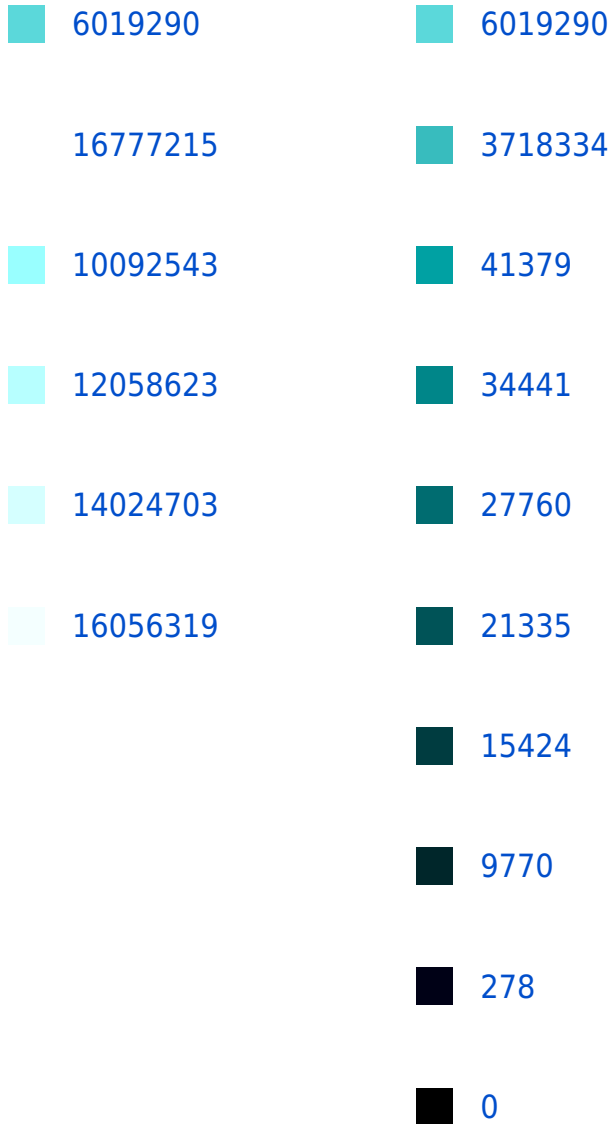


- Cyan (64%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6019290 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 6019290 by changing the saturation by 10% instead.



6019290

6019290

4577498

7461082

3135450

8903130

1759194

10279386

317402

11721178

55258

13163226

14605018

16046810

16767962

Harmonies

Analogous

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



8116152



6019290



6149623

Triad

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



6019290



14989042



15253637

Complementary

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



6019290



14310747

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.



16758165



6019290



16756436

Square

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



6019290



12174079



16756402



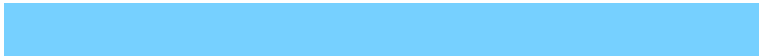
13159046

Rectangle

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



6019290



7786751



16756402



15842441

Sweetspot

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



6019290



13958911



6019675



6717312



0



8421504

Same Dimension

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



6019290



5111039



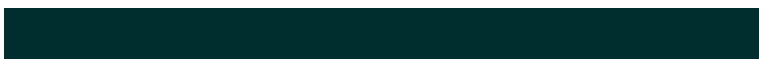
6003674



6516078



43949



11566

Inverse Universe

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



14310360



16731644



14326619



7234413



11337899



3014701

Previews

White Background



This preview shows how the Decimal color 6019290 looks on a white background.

Color Contrast Check

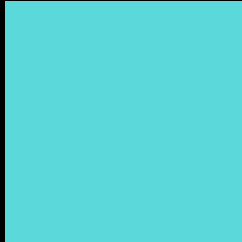
Large Text (above 18pt) WCAG AA × Fail

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 6019290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

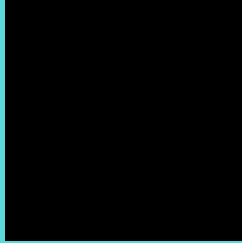
Any Text WCAG AA ✓ Pass

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 6019290 Background



This preview shows how black text looks on a background with the Decimal color 6019290.

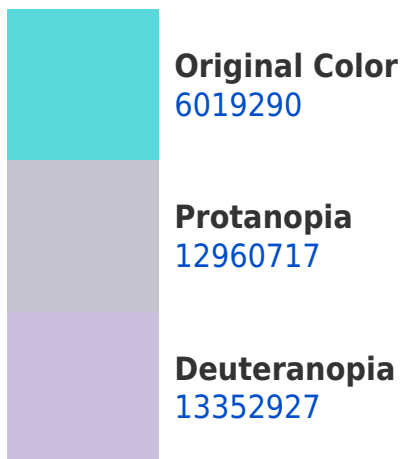


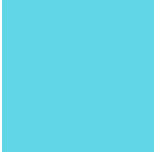
This preview shows how white text looks on a background with the Decimal color 6019290.

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
6412007

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6019290 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 #5BD8DA looks like.

```
.text, #text, p{  
    color:#5BD8DA  
}
```

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 #5BD8DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD8DA
}
```

Border

The CSS property to change the border of an element to Decimal 6019290 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
#5BD8DA }
```

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

```
.border{ border-color:#5BD8DA }
```

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

Here you see how a box with a 4 pixel #5BD8DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD8DA; -webkit-box-shadow:4px 4px  
4px 4px #5BD8DA; box-shadow:4px 4px 4px  
4px #5BD8DA }
```

Background

The CSS property to change the background color of an element to Decimal 6019290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD8DA }
```

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

```
.background{ background-color:#5BD8DA }
```

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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