

Converting Colors

HunterLab(55.6025, -28.3921,
-5.4412)

Have a look what the booklet for
HunterLab(55.6025, -28.3921,
-5.4412) contains.

HunterLab(55.7416, -28.6570, -5.0404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.7416,
-28.6570, -5.0404)**

Conversions

Conversions Part 1

Format	Color
Hex	1EA8A7
RGB	30, 168, 167
RGB Percent	12%, 66%, 65%
CMY	0.8823, 0.3412, 0.3451
CMYK	0.82, 0.00, 0.01, 0.34
HSL	180°, 70%, 39%
HSV	180°, 82%, 66%
XYZ	21.5131, 31.0713, 41.4226
YIQ	126.6240, -81.9270, -29.5670

Conversions

Conversions Part 2

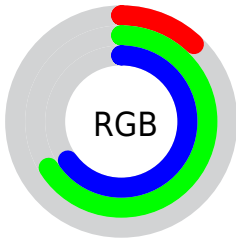
Format	Color
RYB	30, 99, 168
Decimal	2009255
CIELab	62.57, -33.94, -9.46
CIELCh	63, 35.233, 195.567
Yxy	31.0724, 0.2288, 0.3305
Android (android.graphics.Color)	4280199335 (0xFF1EA8A7)
YUV	126.6240, 19.9054, -84.7392
Hunter-Lab	55.7416, -28.6570, -5.0404

Details

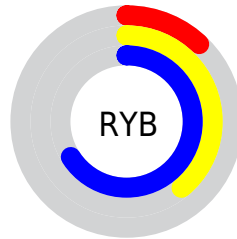
The HunterLab color **55.7416, -28.6570, -5.0404** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30.5831, 44.8899, 17.1161**, and the grayscale version is **45.8707, -2.4475, 2.4922**.

A 20% lighter version of the original color is **78.4400, -33.6166, -4.4899**, and **36.7414, -19.4785, -3.8750** is the 20% darker color. If you saturate the color by 10%, you get **55.5688, -29.3513, -5.2176**, and if you desaturate by 10%, it is **56.0363, -27.4959, -4.6972**.

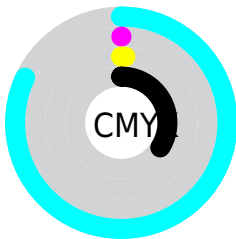
Distribution



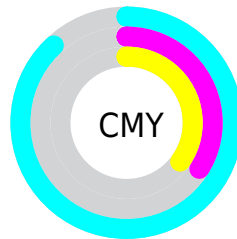
- Red (12%)
- Green (66%)
- Blue (65%)



- Red (12%)
- Yellow (39%)
- Blue (66%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (88%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7416, -28.6570, -5.0404 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 HunterLab color 55.7416, -28.6570, -5.0404 by changing the saturation by 10% instead.

■ 55.7416, -28.6570,
-5.0404

■ 55.7416, -28.6570,
-5.0404

175.1776,
-49.0904, -1.8654

■ 45.4467, -26.0569,
-5.1440

■ 78.3288, -33.5556,
-4.6551

■ 35.8766, -23.3135,
-5.1816

■ 90.5462, -35.8955,
-4.3846

■ 27.0924, -20.3745,
-5.1443

■ 103.3399,
-38.1815, -4.0669

■ 19.1719, -17.1556,
-5.0225

■ 116.6853,
-40.4236, -3.7052

■ 12.2222, -14.1746,
-4.8068

■ 130.5602,
-42.6298, -3.3021

■ 5.3327, -9.3322,
-7.0598

144.9453,

0.0000, NaN, NaN

-44.8064, -2.8598

0.0000, NaN, NaN

159.8230,
-46.9585, -2.3803

0.0000, NaN, NaN

■ 55.7416, -28.6570,
-5.0404

■ 55.7416, -28.6570,
-5.0404

■ 55.5688, -29.3513,
-5.2176

■ 56.0363, -27.4959,
-4.6972

■ 55.4871, -29.6809,
-5.2814

■ 56.4644, -25.8185,
-4.1723

■ 57.0380, -23.5964,
-3.4543

■ 57.7645, -20.8188,
-2.5385

■ 58.6491, -17.4904,
-1.4256

■ 59.6941, -13.6288,
-0.1208

■ 60.8998, -9.2626,
1.3667

■ 62.2649, -4.4282,
3.0249

■ 63.7861, 0.8329,
4.8401

Harmonies

Analogous

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



55.7426, -28.7796, 9.5887



55.7416, -28.6570, -5.0404



55.7426, -22.1728, -20.9707

Triad

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



55.7426, -28.6571, -5.0396



55.7426, 19.7049, -20.4194



55.7426, 4.5720, 23.9526

Complementary

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



55.7416, -28.6570, -5.0404



30.5831, 44.8899, 17.1161

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.



55.7426, 19.2283, 19.5913



55.7416, -28.6570, -5.0404



55.7426, 28.5853, -4.4276

Square

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



55.7426, -28.6571, -5.0396



55.7426, 5.1676, -31.3577



55.7426, 28.4020, 10.0561



55.7426, -10.6798, 23.8719

Rectangle

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



55.7416, -28.6570, -5.0404



55.7426, -14.6684, -29.0617



55.7426, 28.4020, 10.0561



55.7426, 9.7646, 23.0228

Sweetspot

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



55.7426, -28.6571, -5.0396



79.9201, -20.1651, -0.7748



53.3030, -43.5742, 30.7150



37.0906, -10.2303, -0.6375



92.0917, -4.9138, 5.0035



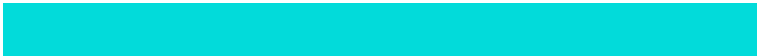
39.3538, -2.0998, 2.1382

Same Dimension

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



55.7426, -28.6571, -5.0396



74.7539, -39.9474, -7.0950



35.3137, 0.3103, -40.4344



29.2081, -3.7808, 0.8686



48.2178, -25.7901, -4.5946



7.5230, -4.0114, -0.7437

Inverse Universe

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



30.5831, 44.8899, 17.1161



38.9391, 66.3913, 24.9916



41.1271, 17.5713, 23.8780



27.4648, 0.8968, 2.2590



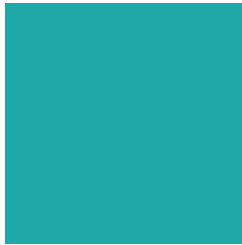
25.0777, 42.9558, 16.1319



3.9151, 6.7130, 2.4656

Previews

White Background



This preview shows how the HunterLab color 55.7416, -28.6570, -5.0404 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 HunterLab color 55.7416, -28.6570, -5.0404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

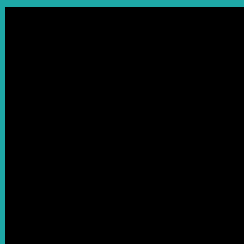
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

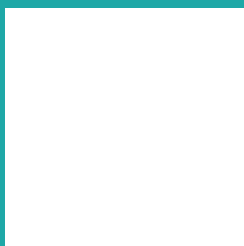
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.7416, -28.6570, -5.0404 Background



This preview shows how black text looks on a background with the HunterLab color 55.7416, -28.6570, -5.0404.



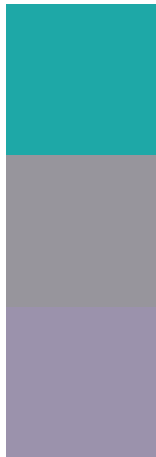
This preview shows how white text looks on a background with the HunterLab color 55.7416,

-28.6570, -5.0404.

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

55.7416, -28.6570, -5.0404

Protanopia

55.2037, -1.1843, 0.2149

Deuteranopia

55.2312, 4.3181, -7.7891



Tritanopia

55.7315, -24.4111, -12.0230

Trichromacy



Original Color

55.7416, -28.6570, -5.0404

Protanomaly

54.2594, -15.0226, -3.1698

Deuteranomaly

54.1558, -11.5747, -8.4678

Tritanomaly

55.8074, -26.1575, -9.1581

Monochromacy



Original Color

55.7416, -28.6570, -5.0404

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

48.5534, -15.2310, -1.5984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7416, -28.6570, -5.0404 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 `rgb(30, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(30, 168, 167)  
}
```

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 rgb(30, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 168, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7416, -28.6570, -5.0404 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 rgb(30, 168, 167) }
```


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

```
.border{ border-color:rgb(30, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(30, 168,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7416, -28.6570, -5.0404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 168, 167) }
```

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

```
.background{ background-color: rgb(30, 168,  
167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor