

Converting Colors

HunterLab(37.9257, 55.6669,
5.4959)

Have a look what the booklet for
HunterLab(37.9257, 55.6669,
5.4959) contains.

HunterLab(37.9257, 55.6669, 5.4959)	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(37.9257, 55.6669,
5.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	C42B64
RGB	196, 43, 100
RGB Percent	77%, 17%, 39%
CMY	0.2314, 0.8313, 0.6078
CMYK	0.00, 0.78, 0.49, 0.23
HSL	338°, 64%, 47%
HSV	338°, 78%, 77%
XYZ	25.9290, 14.3836, 13.4663
YIQ	95.2450, 72.8910, 50.1630

Conversions

Conversions Part 2

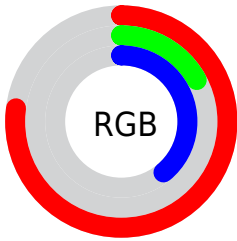
Format	Color
R_{YB}	196, 43, 100
Decimal	12856164
CIE _{Lab}	44.78, 62.30, 5.15
CIE _{LCh}	45, 62.514, 4.721
Yxy	14.3844, 0.4821, 0.2675
Android (android.graphics.Color)	4291046244 (0xFFC42B64)
YUV	95.2450, 2.3442, 88.3621
Hunter-Lab	37.9257, 55.6669, 5.4959

Details

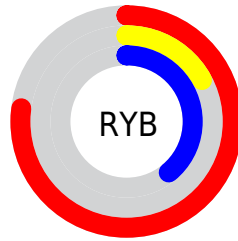
The HunterLab color **37.9257, 55.6669, 5.4959** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **64.6977, -43.1494, 16.7227**, and the grayscale version is **33.8941, -1.8085, 1.8415**.

A 20% lighter version of the original color is **57.7884, 58.7996, 6.5994**, and **23.4533, 41.3001, 6.3521** is the 20% darker color. If you saturate the color by 10%, you get **36.1450, 59.3607, 8.2733**, and if you desaturate by 10%, it is **40.5270, 50.0344, 3.2942**.

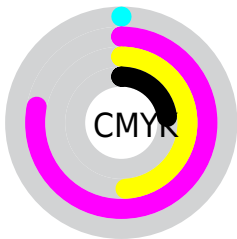
Distribution



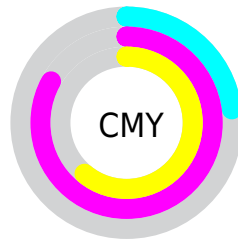
- Red (77%)
- Green (17%)
- Blue (39%)



- Red (77%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (78%)
- Yellow (49%)
- Black (23%)



- Cyan (23%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9257, 55.6669, 5.4959 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 37.9257, 55.6669, 5.4959 by changing the saturation by 10% instead.

37.9257, 55.6669,
5.4959

37.9257, 55.6669,
5.4959

148.1922, 71.5425,
13.6354

28.9629, 53.4904,
4.6832

58.1116, 59.8539,
7.1694

20.8436, 51.3918,
3.8779

69.2298, 61.8128,
8.0328

13.6678, 49.6806,
3.0697

80.9785, 63.6712,
8.9159

7.2739, 52.6278,
3.3282

93.3256, 65.4298,
9.8191

0.0000, INF, NaN

0.0000, NaN, NaN

106.2433, 67.0920,
10.7427

0.0000, NaN, NaN

119.7075, 68.6618,

0.0000, NaN, NaN

11.6867

0.0000, NaN, NaN

133.6968, 70.1439,
12.6510

■ 37.9257, 55.6669,
5.4959

■ 37.9257, 55.6669,
5.4959

■ 36.1450, 59.3607,
8.2733

■ 40.5270, 50.0344,
3.2942

■ 35.1169, 60.9956,
11.3456

■ 43.9006, 43.0158,
1.7825

■ 34.9527, 61.2342,
11.9142

■ 47.9631, 35.1772,
0.9623

■ 52.6183, 26.9653,
0.7638

■ 57.7750, 18.6707,
1.0900

■ 63.3544, 10.4558,
1.8449

■ 69.2912, 2.3965,
2.9454

■ 75.5329, -5.4822,
4.3239

■ 82.0373, -13.1828,
5.9274

Harmonies

Analogous

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



37.9268, 49.2598, -21.8182



37.9257, 55.6669, 5.4959



37.9268, 43.7458, 19.5028

Triad

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



37.9268, 55.6633, 5.4969



37.9268, -24.8580, 23.3071



37.9268, -19.7593, -62.7742

Complementary

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



37.9257, 55.6669, 5.4959



64.6977, -43.1494, 16.7227

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.



37.9268, -32.9461, -32.3348



37.9257, 55.6669, 5.4959



37.9268, -35.3368, 16.4140

Square

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



37.9268, 55.6633, 5.4969



37.9268, -5.7431, 24.9165



37.9268, -37.8806, -1.7222



37.9268, 1.8406, -72.7130

Rectangle

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



37.9257, 55.6669, 5.4959



37.9268, 28.4129, 23.2431



37.9268, -37.8806, -1.7222



37.9268, -25.1315, -53.9550

Sweetspot

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



37.9268, 55.6633, 5.4969



81.2221, 19.9176, 1.8795



33.2603, 55.5847, -71.6276



36.3210, 11.0984, 0.7156

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.9268, 55.6633, 5.4969



47.5623, 81.6862, 14.2153



39.0292, 45.4070, 21.3709



31.8411, 1.5984, 1.2944



28.0452, 49.1856, 9.1507



5.9432, 10.6391, 0.2659

Inverse Universe

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



37.9268, 55.6633, 5.4969



47.5623, 81.6862, 14.2153



60.3326, -25.9634, -14.5997



31.8411, 1.5984, 1.2944



28.0452, 49.1856, 9.1507



5.9432, 10.6391, 0.2659

Previews

White Background



This preview shows how the HunterLab color 37.9257, 55.6669, 5.4959 looks on a white background.

Color Contrast Check

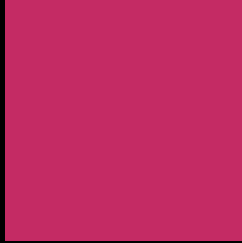
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.9257, 55.6669, 5.4959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

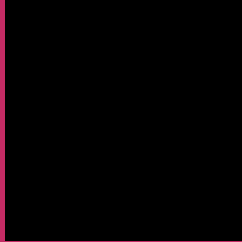
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.9257, 55.6669, 5.4959 Background



This preview shows how black text looks on a background with the HunterLab color 37.9257, 55.6669, 5.4959.



This preview shows how white text looks on a background with the HunterLab color 37.9257, 55.6669,

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

37.9257, 55.6669, 5.4959

Protanopia

38.4274, 1.4196, -11.6624

Deuteranopia

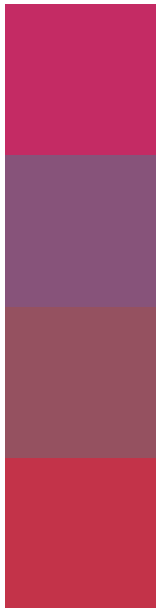
38.2471, 2.3826, 7.5558



Tritanopia

38.0751, 47.5373, 18.2662

Trichromacy



Original Color

37.9257, 55.6669, 5.4959

Protanomaly

35.6967, 20.5273, -8.2263

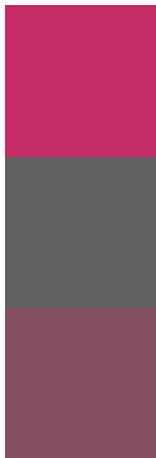
Deuteranomaly

36.2201, 22.6030, 4.5995

Tritanomaly

38.0142, 50.3588, 14.4746

Monochromacy



Original Color

37.9257, 55.6669, 5.4959

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.0719, 19.0785, 0.4379

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9257, 55.6669, 5.4959 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(196, 43, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 43, 100)  
}
```

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(196, 43, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 43, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9257, 55.6669, 5.4959 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(196, 43, 100) }
```


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

```
.border{ border-color:rgb(196, 43, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 43, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 43, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 43, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 43,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9257, 55.6669, 5.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 43, 100) }
```

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

```
.background{ background-color: rgb(196, 43,  
100) }
```

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