

Converting Colors

HunterLab(28.4145, 20.6611,
13.3746)

Have a look what the booklet for
HunterLab(28.4145, 20.6611,
13.3746) contains.

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Color

**HunterLab(28.3565, 20.8016,
13.2573)**

Conversions

Conversions Part 1

Format	Color
Hex	823B2A
RGB	130, 59, 42
RGB Percent	51%, 23%, 16%
CMY	0.4902, 0.7686, 0.8353
CMYK	0.00, 0.55, 0.68, 0.49
HSL	12°, 51%, 34%
HSV	12°, 68%, 51%
XYZ	11.1878, 8.0409, 3.1529
YIQ	78.2910, 47.7730, 9.7650

Conversions

Conversions Part 2

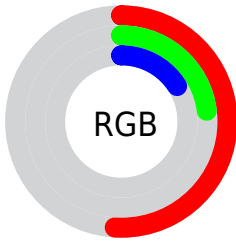
Format	Color
R_{YB}	130, 63, 42
Decimal	8534826
CIE Lab	34.07, 29.23, 24.91
CIE LCh	34, 38.403, 40.439
Yxy	8.0413, 0.4999, 0.3593
Android (android.graphics.Color)	4286724906 (0xFF823B2A)
YUV	78.2910, -17.8915, 45.3488
Hunter-Lab	28.3565, 20.8016, 13.2573

Details

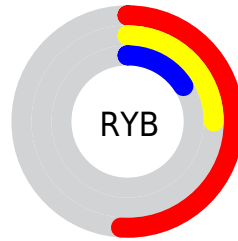
The HunterLab color **28.3565, 20.8016, 13.2573** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37.3005, -13.1681, -10.8153**, and the grayscale version is **27.7575, -1.4811, 1.5081**.

A 20% lighter version of the original color is **46.8983, 23.0433, 17.6299**, and **13.2423, 18.4647, 8.4831** is the 20% darker color. If you saturate the color by 10%, you get **26.4403, 24.6549, 14.1174**, and if you desaturate by 10%, it is **30.5593, 16.9298, 12.1142**.

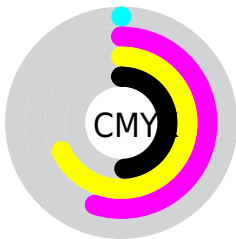
Distribution



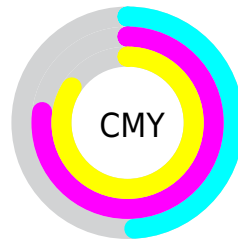
- Red (51%)
- Green (23%)
- Blue (16%)



- Red (51%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3565, 20.8016, 13.2573 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 28.3565, 20.8016, 13.2573 by changing the saturation by 10% instead.

■ 28.3565, 20.8016,
13.2573

■ 28.3565, 20.8016,
13.2573

132.6861, 27.2158,
31.0879

■ 20.3013, 19.5285,
10.7843

■ 46.9462, 22.9267,
17.7025

■ 13.1974, 18.1162,
9.2382

■ 57.3467, 23.8088,
19.7630

■ 6.7115, 19.6024,
4.6981

■ 68.4187, 24.5864,
21.7517

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.1238, 25.2699,
23.6859

0.0000, NaN, NaN

■ 92.4293, 25.8678,
25.5781

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3073, 26.3875,

27.4380

0.0000, NaN, NaN

118.7334, 26.8351,
29.2727

28.3565, 20.8016,
13.2573

28.3565, 20.8016,
13.2573

26.4403, 24.6549,
14.1174

30.5593, 16.9298,
12.1142

24.8420, 28.3333,
14.6335

33.0115, 13.1533,
10.7494

23.5823, 31.5980,
14.8678

35.6812, 9.5302,
9.2180

23.3370, 32.2523,
14.9448

38.5394, 6.0863,
7.5628

41.5613, 2.8261,
5.8158

■ 44.7262, -0.2587,
4.0001

■ 48.0167, -3.1824,
2.1317

■ 51.4184, -5.9615,
0.2221

■ 54.9194, -8.6129,
-1.7210

Harmonies

Analogous

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



28.3573, 28.4211, 5.6229



28.3565, 20.8016, 13.2573



28.3573, 7.6070, 16.2631

Triad

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



28.3573, 20.7995, 13.2577



28.3573, -21.8841, 8.5657



28.3573, 3.2903, -34.5281

Complementary

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



28.3565, 20.8016, 13.2573



37.3005, -13.1681, -10.8153

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.



28.3573, -9.6115, -32.4762



28.3565, 20.8016, 13.2573



28.3573, -22.6102, -3.2493

Square

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



28.3573, 20.7995, 13.2577



28.3573, -16.3245, 14.5530



28.3573, -18.5340, -19.3159



28.3573, 17.1408, -24.0576

Rectangle

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



28.3565, 20.8016, 13.2573



28.3573, -1.7109, 16.7179



28.3573, -18.5340, -19.3159



28.3573, -1.3177, -35.3665

Sweetspot

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



28.3573, 20.7995, 13.2577



54.0270, 4.9212, 8.3684



27.5928, 36.2214, -16.4849



25.2553, 2.8196, 4.2405



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



28.3573, 20.7995, 13.2577



33.9415, 35.2754, 19.1480



38.0025, 1.0781, 20.0183



21.1387, 0.0763, 2.0317



22.8699, 31.5259, 14.6443

0.0000, NaN, NaN

Inverse Universe

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



37.3005, -13.1681, -10.8153



47.4117, -17.6209, -17.6041



25.4315, 5.7915, -33.4636



21.7948, -2.2844, 0.2959



33.4944, -12.2500, -15.4208

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 28.3565, 20.8016, 13.2573 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 28.3565, 20.8016, 13.2573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

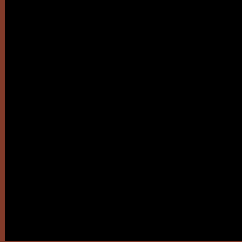
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 28.3565, 20.8016, 13.2573 Background



This preview shows how black text looks on a background with the HunterLab color 28.3565, 20.8016, 13.2573.

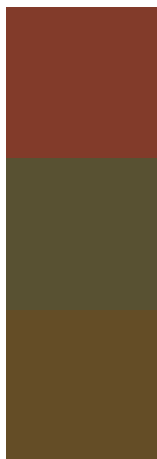


This preview shows how white text looks on a background with the HunterLab color 28.3565, 20.8016,

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

28.3565, 20.8016, 13.2573

Protanopia

28.6179, -3.0352, 11.3293

Deuteranopia

28.5605, 1.6386, 13.8208



Tritanopia

28.4215, 23.3596, 9.0041

Trichromacy



Original Color

28.3565, 20.8016, 13.2573

Protanomaly

28.0248, 5.0271, 11.6671

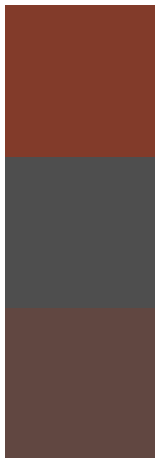
Deuteranomaly

28.1182, 8.6376, 13.4301

Tritanomaly

28.4753, 22.3555, 10.9247

Monochromacy



Original Color

28.3565, 20.8016, 13.2573

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.2571, 5.5880, 6.0153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3565, 20.8016, 13.2573 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(130, 59, 42)` looks like.

```
.text, #text, p{  
    color:rgb(130, 59, 42)  
}
```

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(130, 59, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 59, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3565, 20.8016, 13.2573 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(130, 59, 42) }
```


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

```
.border{ border-color:rgb(130, 59, 42) }
```

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

Here you see how a box with a 4 pixel rgb(130, 59, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 59, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 59, 42);  
box-shadow:4px 4px 4px 4px rgb(130, 59,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3565, 20.8016, 13.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 59, 42) }
```

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

```
.background{ background-color: rgb(130, 59,  
42) }
```

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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