

Converting Colors

HunterLab(29.7181, 20.8490,
14.2464)

Have a look what the booklet for
HunterLab(29.7181, 20.8490,
14.2464) contains.

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Color

**HunterLab(29.7877, 20.9015,
14.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	873F2A
RGB	135, 63, 42
RGB Percent	53%, 25%, 16%
CMY	0.4706, 0.7529, 0.8353
CMYK	0.00, 0.53, 0.69, 0.47
HSL	14°, 53%, 35%
HSV	14°, 69%, 53%
XYZ	12.1871, 8.8731, 3.2608
YIQ	82.1340, 49.6530, 8.7330

Conversions

Conversions Part 2

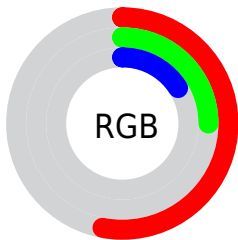
Format	Color
R_{YB}	135, 69, 42
Decimal	8863530
CIE Lab	35.74, 29.12, 27.10
CIE LCh	36, 39.773, 42.944
Yxy	8.8736, 0.5011, 0.3648
Android (android.graphics.Color)	4287053610 (0xFF873F2A)
YUV	82.1340, -19.7861, 46.3635
Hunter-Lab	29.7877, 20.9015, 14.3610

Details

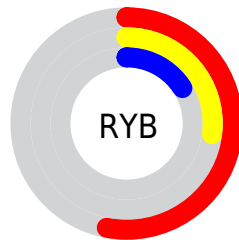
The HunterLab color **29.7877, 20.9015, 14.3610** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37.7825, -12.5216, -12.9073**, and the grayscale version is **29.1538, -1.5556, 1.5840**.

A 20% lighter version of the original color is **48.4762, 23.0332, 18.9820**, and **14.3078, 18.3656, 9.1379** is the 20% darker color. If you saturate the color by 10%, you get **27.8259, 24.8198, 15.1724**, and if you desaturate by 10%, it is **32.0261, 17.0009, 13.2235**.

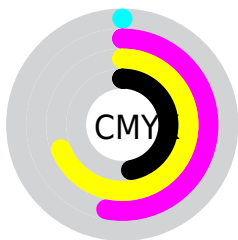
Distribution



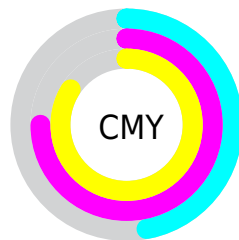
- Red (53%)
- Green (25%)
- Blue (16%)



- Red (53%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (47%)



- Cyan (47%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7877, 20.9015, 14.3610 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 29.7877, 20.9015, 14.3610 by changing the saturation by 10% instead.

■ 29.7877, 20.9015,
14.3610

■ 29.7877, 20.9015,
14.3610

■ 135.0673, 27.1335,
33.2595

■ 21.5842, 19.6578,
11.7320

■ 48.6354, 22.9733,
19.0918

■ 14.3125, 18.2720,
10.0070

■ 59.1511, 23.8323,
21.2823

■ 7.9713, 17.5967,
5.5799

■ 70.3313, 24.5888,
23.3937

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.1388, 25.2528,
25.4440

0.0000, NaN, NaN

■ 94.5419, 25.8328,
27.4467

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5131, 26.3356,

29.4119

0.0000, NaN, NaN

121.0286, 26.7675,
31.3474

29.7877, 20.9015,
14.3610

29.7877, 20.9015,
14.3610

27.8259, 24.8198,
15.1724

32.0261, 17.0009,
13.2235

26.1698, 28.6145,
15.6027

34.5061, 13.2204,
11.8196

24.8365, 32.0501,
15.7623

37.1979, 9.6105,
10.2061

24.7071, 32.3930,
15.7915

40.0744, 6.1929,
8.4293

43.1121, 2.9696,
6.5255

■ 46.2911, -0.0689,
4.5221

■ 49.5949, -2.9374,
2.4394

■ 53.0094, -5.6530,
0.2922

■ 56.5230, -8.2330,
-1.9084

Harmonies

Analogous

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



29.7885, 29.6075, 6.8268



29.7877, 20.9015, 14.3610



29.7885, 6.7622, 17.2198

Triad

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



29.7885, 20.8994, 14.3614



29.7885, -23.2845, 8.2225



29.7885, 4.7108, -35.9180

Complementary

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



29.7877, 20.9015, 14.3610



37.7825, -12.5216, -12.9073

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.



29.7885, -9.1145, -34.9405



29.7877, 20.9015, 14.3610



29.7885, -23.6287, -4.7346

Square

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



29.7885, 20.8994, 14.3614



29.7885, -17.8650, 14.9739



29.7885, -18.9132, -21.7644



29.7885, 19.1595, -24.0219

Rectangle

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



29.7877, 20.9015, 14.3610



29.7885, -2.9669, 17.5692



29.7885, -18.9132, -21.7644



29.7885, -0.1897, -37.2027

Sweetspot

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



29.7885, 20.8994, 14.3614



56.6246, 5.0633, 9.4044



28.3570, 37.9067, -15.6810



26.7815, 2.9269, 4.8197



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



29.7885, 20.8994, 14.3614



35.8621, 36.2820, 20.7123



40.2253, -0.1002, 21.5561



22.0156, -0.0014, 2.1758



23.7631, 30.9930, 15.1853



1.7017, 1.0260, 1.0665

Inverse Universe

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



37.7825, -12.5216, -12.9073



48.0024, -16.3938, -21.4089



25.3343, 7.9193, -37.8939



22.5949, -2.2937, 0.2357



32.9515, -10.7800, -17.9157



2.2010, -0.9809, -0.6335

Previews

White Background



This preview shows how the HunterLab color 29.7877, 20.9015, 14.3610 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 29.7877, 20.9015, 14.3610 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 29.7877, 20.9015, 14.3610 Background



This preview shows how black text looks on a background with the HunterLab color 29.7877, 20.9015, 14.3610.



This preview shows how white text looks on a background with the HunterLab color 29.7877, 20.9015,

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

29.7877, 20.9015, 14.3610

Protanopia

30.0764, -3.2728, 12.7475

Deuteranopia

30.0467, 1.5858, 14.9240



Tritanopia

29.7256, 24.2103, 9.0660

Trichromacy



Original Color

29.7877, 20.9015, 14.3610

Protanomaly

29.4842, 4.8957, 13.0560

Deuteranomaly

29.5923, 8.6384, 14.5401

Tritanomaly

29.7611, 23.1053, 11.2896

Monochromacy



Original Color

29.7877, 20.9015, 14.3610

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.6428, 5.3145, 6.7506

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7877, 20.9015, 14.3610 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(135, 63, 42)` looks like.

```
.text, #text, p{  
    color:rgb(135, 63, 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(135, 63, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 63, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7877, 20.9015, 14.3610 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(135, 63, 42) }
```


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

```
.border{ border-color:rgb(135, 63, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 63, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 63, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 63, 42);  
box-shadow:4px 4px 4px 4px rgb(135, 63,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7877, 20.9015, 14.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 63, 42) }
```

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

```
.background{ background-color: rgb(135, 63,  
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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