

Converting Colors

HunterLab(36.5670, 28.4668,
20.4946)

Have a look what the booklet for
HunterLab(36.5670, 28.4668,
20.4946) contains.

HunterLab(36.5291, 28.4322, 20.4259)	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(36.5291, 28.4322,
20.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	A84A23
RGB	168, 74, 35
RGB Percent	66%, 29%, 14%
CMY	0.3412, 0.7098, 0.8627
CMYK	0.00, 0.56, 0.79, 0.34
HSL	18°, 66%, 40%
HSV	18°, 79%, 66%
XYZ	18.9006, 13.3438, 3.1696
YIQ	97.6600, 68.5430, 7.7990

Conversions

Conversions Part 2

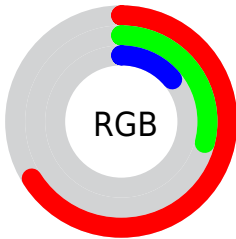
Format	Color
R_{YB}	168, 90, 35
Decimal	11029027
CIE Lab	43.28, 36.34, 40.68
CIE LCh	43, 54.544, 48.226
Yxy	13.3445, 0.5337, 0.3768
Android (android.graphics.Color)	4289219107 (0xFFA84A23)
YUV	97.6600, -30.8914, 61.6882
Hunter-Lab	36.5291, 28.4322, 20.4259

Details

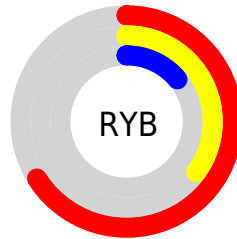
The HunterLab color **36.5291, 28.4322, 20.4259** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **43.4553, -11.9237, -23.9763**, and the grayscale version is **34.9160, -1.8630, 1.8971**.

A 20% lighter version of the original color is **56.5106, 31.1493, 26.9916**, and **19.8187, 25.9935, 12.6672** is the 20% darker color. If you saturate the color by 10%, you get **34.3931, 33.1752, 20.7722**, and if you desaturate by 10%, it is **38.9964, 23.6778, 19.5400**.

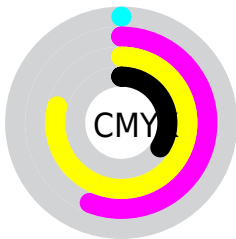
Distribution



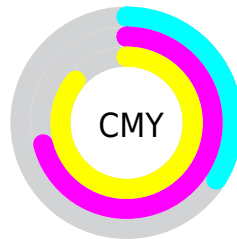
- Red (66%)
- Green (29%)
- Blue (14%)



- Red (66%)
- Yellow (35%)
- Blue (14%)



- Cyan (0%)
- Magenta (56%)
- Yellow (79%)
- Black (34%)



- Cyan (34%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5291, 28.4322, 20.4259 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 36.5291, 28.4322, 20.4259 by changing the saturation by 10% instead.

■ 36.5291, 28.4322,
20.4259

■ 36.5291, 28.4322,
20.4259

145.9842, 36.5777,
45.9408

■ 27.6879, 26.9892,
16.8505

■ 56.4989, 30.9280,
26.9097

■ 19.7031, 25.4215,
13.7921

■ 67.5193, 32.0044,
29.9043

■ 12.6800, 23.7699,
8.8760

■ 79.1756, 32.9784,
32.7765

■ 6.0239, 27.8411,
4.2167

■ 91.4347, 33.8585,
35.5488

0.0000, INF, NaN

0.0000, NaN, NaN

■ 104.2683, 34.6524,
38.2389

0.0000, NaN, NaN

■ 117.6519, 35.3665,

0.0000, NaN, NaN

40.8605

0.0000, NaN, NaN

131.5636, 36.0066,
43.4249

36.5291, 28.4322,
20.4259

36.5291, 28.4322,
20.4259

34.3931, 33.1752,
20.7722

38.9964, 23.6778,
19.5400

32.6057, 37.6912,
20.6782

41.7595, 19.0560,
18.1636

32.4715, 38.0439,
20.6748

44.7863, 14.6459,
16.3650

48.0460, 10.4884,
14.2125

51.5107, 6.5956,
11.7672

■ 55.1563, 2.9619,
9.0802

■ 58.9619, -0.4281,
6.1933

■ 62.9100, -3.5951,
3.1394

■ 66.9855, -6.5608,
-0.0555

Harmonies

Analogous

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



36.5301, 43.9093, 11.9362



36.5291, 28.4322, 20.4259



36.5301, 6.5056, 23.0028

Triad

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



36.5301, 28.4293, 20.4264



36.5301, -33.2525, 8.8841



36.5301, 11.3104, -55.1249

Complementary

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



36.5291, 28.4322, 20.4259



43.4553, -11.9237, -23.9763

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.



36.5301, -9.7023, -57.6485



36.5291, 28.4322, 20.4259



36.5301, -32.5233, -11.9017

Square

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



36.5301, 28.4293, 20.4264



36.5301, -27.0894, 19.2587



36.5301, -24.8108, -38.8642



36.5301, 32.6123, -33.1676

Rectangle

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



36.5291, 28.4322, 20.4259



36.5301, -7.4585, 23.0943



36.5301, -24.8108, -38.8642



36.5301, 3.9032, -58.5928

Sweetspot

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



36.5301, 28.4293, 20.4264



71.6817, 6.5295, 14.1780



33.3873, 52.7758, -16.2049



32.6889, 3.8400, 7.1874



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.



36.5301, 28.4293, 20.4264



44.4676, 49.3720, 27.8444



51.9273, -2.4917, 30.1381



28.0847, -0.1852, 2.9695



28.3579, 32.6573, 18.0457



5.3182, 2.8312, 3.3266

Inverse Universe

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



43.4553, -11.9237, -23.9763



54.5194, -12.8223, -39.7374



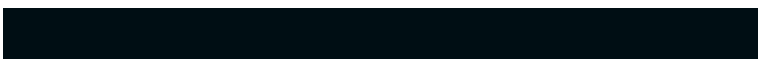
26.1357, 19.7198, -67.5895



28.5567, -2.7253, 0.0705



34.8448, -8.0060, -26.2704



6.1430, -2.2489, -2.8235

Previews

White Background



This preview shows how the HunterLab color 36.5291, 28.4322, 20.4259 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 36.5291, 28.4322, 20.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

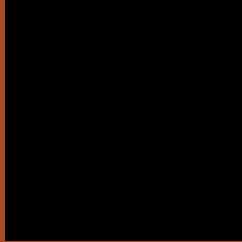
Any Text WCAG AA × Fail

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 36.5291, 28.4322, 20.4259 Background



This preview shows how black text looks on a background with the HunterLab color 36.5291, 28.4322, 20.4259.



This preview shows how white text looks on a background with the HunterLab color 36.5291, 28.4322,

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

36.5291, 28.4322, 20.4259

Protanopia

36.7692, -4.3601, 18.8953

Deuteranopia

36.7173, 1.9519, 20.9848



Tritanopia

36.6344, 33.3576, 12.6728

Trichromacy



Original Color

36.5291, 28.4322, 20.4259

Protanomaly

35.8829, 7.0554, 18.9174

Deuteranomaly

36.1637, 11.4153, 20.4700

Tritanomaly

36.4249, 31.4781, 16.0374

Monochromacy



Original Color

36.5291, 28.4322, 20.4259

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.4437, 7.1499, 9.8908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5291, 28.4322, 20.4259 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(168, 74, 35)` looks like.

```
.text, #text, p{  
  color:rgb(168, 74, 35)  
}
```

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(168, 74, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 74, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5291, 28.4322, 20.4259 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(168, 74, 35) }
```


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

```
.border{ border-color:rgb(168, 74, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 74, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 74, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 74, 35);  
box-shadow:4px 4px 4px 4px rgb(168, 74,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5291, 28.4322, 20.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 74, 35) }
```

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

```
.background{ background-color: rgb(168, 74,  
35) }
```

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