

Converting Colors

HunterLab(37.3130, 13.5740,
20.6431)

Have a look what the booklet for
HunterLab(37.3130, 13.5740,
20.6431) contains.

HunterLab(37.3064, 13.8393, 20.7032)	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(37.3064, 13.8393,
20.7032)**

Conversions

Conversions Part 1

Format	Color
Hex	965A23
RGB	150, 90, 35
RGB Percent	59%, 35%, 14%
CMY	0.4118, 0.6470, 0.8627
CMYK	0.00, 0.40, 0.77, 0.41
HSL	29°, 62%, 36%
HSV	29°, 77%, 59%
XYZ	16.5372, 13.9177, 3.4049
YIQ	101.6700, 53.4150, -4.3850

Conversions

Conversions Part 2

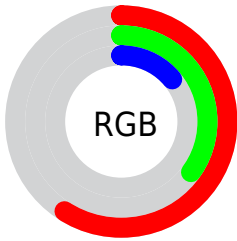
Format	Color
RYB	150, 140, 35
Decimal	9853475
CIELab	44.12, 20.02, 40.64
CIELCh	44, 45.298, 63.777
Yxy	13.9184, 0.4884, 0.4110
Android (android.graphics.Color)	4288043555 (0xFF965A23)
YUV	101.6700, -32.8683, 42.3854
Hunter-Lab	37.3064, 13.8393, 20.7032

Details

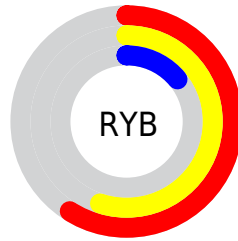
The HunterLab color **37.3064, 13.8393, 20.7032** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **32.7768, -1.3203, -32.0201**, and the grayscale version is **36.4332, -1.9440, 1.9795**.

A 20% lighter version of the original color is **57.2631, 14.9756, 27.0741**, and **20.4476, 12.3761, 12.8164** is the 20% darker color. If you saturate the color by 10%, you get **35.4910, 17.0275, 21.0617**, and if you desaturate by 10%, it is **39.2656, 10.8629, 19.8286**.

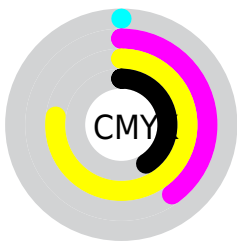
Distribution



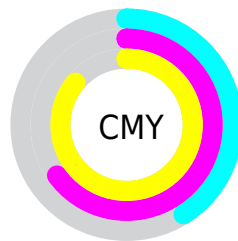
- Red (59%)
- Green (35%)
- Blue (14%)



- Red (59%)
- Yellow (55%)
- Blue (14%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (41%)



- Cyan (41%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3064, 13.8393, 20.7032 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 37.3064, 13.8393, 20.7032 by changing the saturation by 10% instead.

■ 37.3064, 13.8393,
20.7032

■ 37.3064, 13.8393,
20.7032

147.2150, 16.0395,
46.1169

■ 28.3971, 13.1546,
17.1532

■ 57.3970, 14.8673,
27.1492

■ 20.3369, 12.3360,
14.0437

■ 68.4721, 15.2423,
30.1298

■ 13.2282, 11.3580,
9.2598

■ 80.1800, 15.5374,
32.9903

■ 6.7500, 12.6278,
4.7250

■ 92.4883, 15.7603,
35.7528

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3689, 15.9170,
38.4343

0.0000, NaN, NaN

■ 118.7975, 16.0130,

0.0000, NaN, NaN

41.0486

0.0000, NaN, NaN

132.7526, 16.0526,
43.6065

37.3064, 13.8393,
20.7032

37.3064, 13.8393,
20.7032

35.4910, 17.0275,
21.0617

39.2656, 10.8629,
19.8286

33.8228, 20.3813,
20.9465

41.3556, 8.1268,
18.4553

33.2951, 21.4989,
20.8927

43.5673, 5.6362,
16.6159

45.8908, 3.3887,
14.3490

48.3168, 1.3758,
11.6941

■ 50.8370, -0.4152,
8.6896

■ 53.4435, -1.9988,
5.3710

■ 56.1295, -3.3903,
1.7704

■ 58.8887, -4.6049,
-2.0836

Harmonies

Analogous

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



37.3074, 29.8026, 15.6665



37.3064, 13.8393, 20.7032



37.3074, -4.1544, 21.7963

Triad

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



37.3074, 13.8371, 20.7036



37.3074, -29.6736, -0.1100



37.3074, 18.3144, -34.9058

Complementary

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



37.3064, 13.8393, 20.7032



32.7768, -1.3203, -32.0201

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.



37.3074, 0.2195, -45.2160



37.3064, 13.8393, 20.7032



37.3074, -25.7693, -20.1364

Square

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



37.3074, 13.8371, 20.7036



37.3074, -27.3453, 13.4626



37.3074, -15.5564, -38.8542



37.3074, 32.7000, -14.7900

Rectangle

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



37.3064, 13.8393, 20.7032



37.3074, -14.4551, 20.9114



37.3074, -15.5564, -38.8542



37.3074, 12.3564, -39.9642

Sweetspot

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



37.3074, 13.8371, 20.7036



65.2491, 1.0321, 14.3012



29.2179, 42.3736, -3.8744



30.2039, 0.8700, 7.3277



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



37.3074, 13.8371, 20.7036



45.5454, 25.7963, 27.9034



52.1674, -11.9597, 30.1286



24.9912, -0.7659, 2.9534



30.4268, 19.3324, 19.0873



4.1440, 0.5286, 2.5628

Inverse Universe

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



32.7768, -1.3203, -32.0201



38.5065, 3.7154, -54.6129



19.9989, 26.7509, -72.7506



24.7053, -1.7996, -0.3348



25.3776, 3.9302, -40.2039



3.7131, -1.0348, -2.4071

Previews

White Background



This preview shows how the HunterLab color 37.3064, 13.8393, 20.7032 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 37.3064, 13.8393, 20.7032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

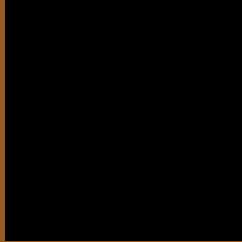
Any Text WCAG AA × Fail

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 37.3064, 13.8393, 20.7032 Background



This preview shows how black text looks on a background with the HunterLab color 37.3064, 13.8393, 20.7032.



This preview shows how white text looks on a background with the HunterLab color 37.3064, 13.8393,

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

37.3064, 13.8393, 20.7032

Protanopia

37.4587, -4.7772, 19.9601

Deuteranopia

37.4752, 1.9501, 20.9642



Tritanopia

37.2401, 22.0448, 7.5753

Trichromacy



Original Color

37.3064, 13.8393, 20.7032

Protanomaly

37.3114, 1.4919, 20.1033

Deuteranomaly

37.2543, 6.3818, 20.7777

Tritanomaly

37.1294, 18.7417, 13.6879

Monochromacy



Original Color

37.3064, 13.8393, 20.7032

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.3419, 1.9754, 10.6693

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3064, 13.8393, 20.7032 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(150, 90, 35)` looks like.

```
.text, #text, p{  
    color:rgb(150, 90, 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(150, 90, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 90, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3064, 13.8393, 20.7032 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(150, 90, 35) }
```


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

```
.border{ border-color:rgb(150, 90, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 90, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 90, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 90, 35);  
box-shadow:4px 4px 4px 4px rgb(150, 90,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3064, 13.8393, 20.7032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 90, 35) }
```

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

```
.background{ background-color: rgb(150, 90,  
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