

Converting Colors

HunterLab(19.7564, 30.1124,
13.8295)

Have a look what the booklet for
HunterLab(19.7564, 30.1124,
13.8295) contains.

HunterLab(19.7681, 30.4350, 12.7138)	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(19.7681, 30.4350,
12.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	730C00
RGB	115, 12, 0
RGB Percent	45%, 5%, 0%
CMY	0.5490, 0.9529, 1.0000
CMYK	0.00, 0.90, 1.00, 0.55
HSL	6°, 100%, 23%
HSV	6°, 100%, 45%
XYZ	7.2017, 3.9078, 0.3747
YIQ	41.4290, 65.2400, 18.1040

Conversions

Conversions Part 2

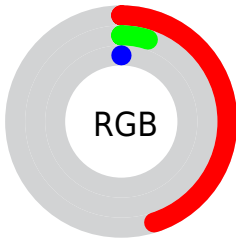
Format	Color
R_{YB}	115, 13, 0
Decimal	7539712
CIE _{Lab}	23.37, 41.90, 34.92
CIE _{LCh}	23, 54.547, 39.811
Yxy	3.9080, 0.6271, 0.3403
Android (android.graphics.Color)	4285729792 (0xFF730C00)
YUV	41.4290, -20.4245, 64.5218
Hunter-Lab	19.7681, 30.4350, 12.7138

Details

The HunterLab color **19.7681, 30.4350, 12.7138** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **33.0697, -14.9948, -8.9647**, and the grayscale version is **15.0816, -0.8047, 0.8194**.

A 20% lighter version of the original color is **36.5214, 34.0131, 18.7339**, and **9.4844, 16.2423, 6.1286** is the 20% darker color. If you saturate the color by 10%, you get **19.7687, 30.4327, 12.7141**, and if you desaturate by 10%, it is **20.6298, 28.1548, 12.2507**.

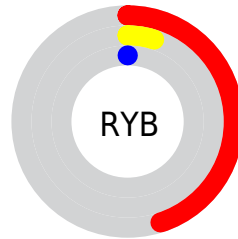
Distribution



Red (45%)

Green (5%)

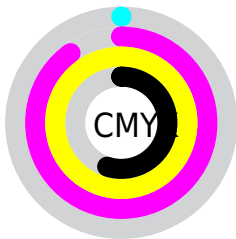
Blue (0%)



Red (45%)

Yellow (5%)

Blue (0%)

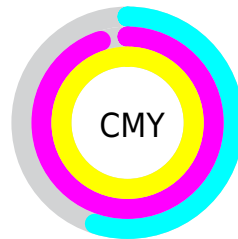


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7681, 30.4350, 12.7138 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 19.7681, 30.4350, 12.7138 by changing the saturation by 10% instead.

■ 19.7681, 30.4350,
12.7138

■ 19.7681, 30.4350,
12.7138

■ 117.7710, 42.2230,
36.8243

■ 12.7367, 28.6686,
8.9157

■ 36.6108, 33.8273,
18.8700

■ 6.1035, 33.1396,
4.2725

■ 46.2406, 35.3520,
21.7752

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.5922, 36.7561,
24.5216

0.0000, NaN, NaN

■ 67.6183, 38.0463,
27.1441

0.0000, NaN, NaN

■ 79.2799, 39.2304,
29.6684

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.5442, 40.3166,


32.1139


0.0000, NaN, NaN


 104.3827, 41.3119,
34.4953


 19.7681, 30.4350,
12.7138


 19.7681, 30.4350,
12.7138


 19.7687, 30.4327,
12.7141

 20.6298, 28.1548,
12.2507

 21.8468, 25.1545,
11.7022

 23.4185, 21.7229,
10.8827

 25.3124, 18.0834,
9.8595

 27.4891, 14.4060,
8.7000

■ 29.9098, 10.7992,
7.4585

■ 32.5394, 7.3208,
6.1729

■ 35.3478, 3.9936,
4.8676

■ 38.3100, 0.8199,
3.5572

Harmonies

Analogous

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



19.7687, 41.9804, 5.6339



19.7681, 30.4350, 12.7138



19.7687, 11.3920, 13.8381

Triad

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



19.7687, 30.4326, 12.7141



19.7687, -23.1761, 9.0224



19.7687, 4.7632, -59.5948

Complementary

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



19.7681, 30.4350, 12.7138



33.0697, -14.9948, -8.9647

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.



19.7687, -11.0266, -55.0653



19.7681, 30.4350, 12.7138



19.7687, -23.8987, -4.9178

Square

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



19.7687, 30.4326, 12.7141



19.7687, -17.7956, 13.8381



19.7687, -20.2723, -30.5009



19.7687, 24.2092, -40.1560

Rectangle

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



19.7681, 30.4350, 12.7138



19.7687, -0.9489, 13.8381



19.7687, -20.2723, -30.5009



19.7687, -1.1626, -61.0486

Sweetspot

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



19.7687, 30.4326, 12.7141



43.2566, 10.1566, 8.3975



21.5271, 41.4613, -21.7143



20.5423, 5.7131, 4.3842



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.7687, 30.4326, 12.7141



26.2468, 41.4024, 16.8980



28.1088, 9.2217, 17.4819



19.3825, 0.2650, 1.7242



21.0931, 32.6824, 13.5696



45.8789, 74.4057, 29.5730

Inverse Universe

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



33.0697, -14.9948, -8.9647



44.1261, -19.9054, -12.1838



17.8656, 9.4145, -42.6536



20.2314, -2.2994, 0.4395



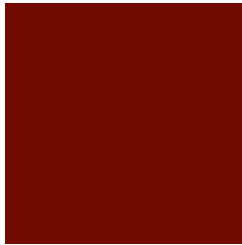
35.3332, -16.0005, -9.6229



77.5240, -34.7213, -21.9450

Previews

White Background



This preview shows how the HunterLab color 19.7681, 30.4350, 12.7138 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

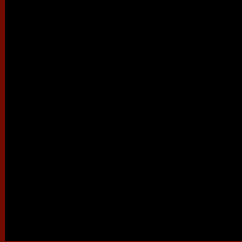
Any Text WCAG AA × Fail

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 19.7681, 30.4350, 12.7138 Background



This preview shows how black text looks on a background with the HunterLab color 19.7681, 30.4350, 12.7138.



This preview shows how white text looks on a background with the HunterLab color 19.7681, 30.4350,

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

19.7681, 30.4350, 12.7138

Protanopia

20.7862, -2.9111, 11.4683

Deuteranopia

20.6983, 0.3279, 12.7599



Tritanopia

19.8069, 30.5855, 12.1386

Trichromacy



Original Color

19.7681, 30.4350, 12.7138

Protanomaly

18.8750, 9.8929, 10.9019

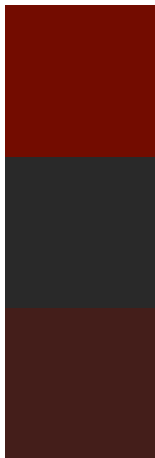
Deuteranomaly

19.0825, 12.2406, 11.9729

Tritanomaly

19.7903, 30.5211, 12.3849

Monochromacy



Original Color

19.7681, 30.4350, 12.7138

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.9401, 10.1115, 5.5047

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7681, 30.4350, 12.7138 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(115, 12, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 12, 0)  
}
```

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(115, 12, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 12, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7681, 30.4350, 12.7138 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(115, 12, 0) }
```


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

```
.border{ border-color:rgb(115, 12, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 12, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 12, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 12, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 12, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7681, 30.4350, 12.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 12, 0) }
```

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

```
.background{ background-color: rgb(115, 12,  
0) }
```

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