

Converting Colors

HunterLab(23.8354, 30.1780,
11.8383)

Have a look what the booklet for
HunterLab(23.8354, 30.1780,
11.8383) contains.

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Color

**HunterLab(23.7683, 29.9728,
11.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	7F2020
RGB	127, 32, 32
RGB Percent	50%, 13%, 13%
CMY	0.5020, 0.8745, 0.8745
CMYK	0.00, 0.75, 0.75, 0.50
HSL	0°, 60%, 31%
HSV	0°, 75%, 50%
XYZ	9.5296, 5.6493, 1.9547
YIQ	60.4050, 56.6200, 20.1400

Conversions

Conversions Part 2

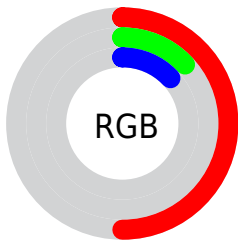
Format	Color
R_{YB}	127, 32, 32
Decimal	8331296
CIE _{Lab}	28.51, 40.43, 24.37
CIE _{LCh}	29, 47.205, 31.087
Yxy	5.6497, 0.5562, 0.3297
Android (android.graphics.Color)	4286521376 (0xFF7F2020)
YUV	60.4050, -14.0037, 58.4038
Hunter-Lab	23.7683, 29.9728, 11.7619

Details

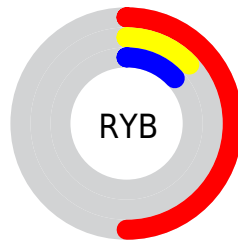
The HunterLab color **23.7683, 29.9728, 11.7619** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **41.2509, -20.1985, -3.7938**, and the grayscale version is **21.4308, -1.1435, 1.1644**.

A 20% lighter version of the original color is **41.4448, 32.9156, 16.3328**, and **11.5741, 19.8210, 7.4789** is the 20% darker color. If you saturate the color by 10%, you get **22.4416, 33.1923, 12.7460**, and if you desaturate by 10%, it is **25.5999, 25.9550, 10.5489**.

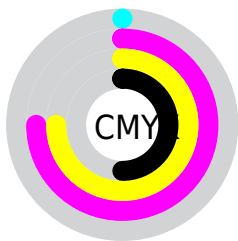
Distribution



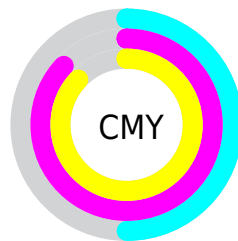
- Red (50%)
- Green (13%)
- Blue (13%)



- Red (50%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7683, 29.9728, 11.7619 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 23.7683, 29.9728, 11.7619 by changing the saturation by 10% instead.

■ 23.7683, 29.9728,
11.7619

■ 23.7683, 29.9728,
11.7619

■ 124.8673, 40.8062,
29.6352

■ 16.2273, 28.2319,
9.4327

■ 41.4726, 33.1514,
16.2833

■ 9.7129, 26.5591,
6.7990

■ 51.4804, 34.5575,
18.3565

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.1844, 35.8460,
20.3486

0.0000, NaN, NaN

■ 73.5419, 37.0252,
22.2796

0.0000, NaN, NaN

■ 85.5174, 38.1035,
24.1643


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 98.0805, 39.0885,


26.0133


0.0000, NaN, NaN


 111.2048, 39.9874,
27.8348

 23.7683, 29.9728,
11.7619


 23.7683, 29.9728,
11.7619


 22.4416, 33.1923,
12.7460


 25.5999, 25.9550,
10.5489


 21.6100, 35.3686,
13.4151

 27.8888, 21.4974,
9.2202

 21.2419, 36.3752,
13.7259

 30.5758, 16.8843,
7.8681

 33.6004, 12.3018,
6.5505

 36.9087, 7.8486,
5.2967

■ 40.4557, 3.5646,
4.1167

■ 44.2047, -0.5442,
3.0100

■ 48.1267, -4.4887,
1.9708

■ 52.1983, -8.2872,
0.9914

Harmonies

Analogous

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



23.7690, 36.4129, 1.8246



23.7683, 29.9728, 11.7619



23.7690, 14.9019, 15.2719

Triad

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



23.7690, 29.9704, 11.7623



23.7690, -22.1165, 11.3162



23.7690, -0.7024, -47.9973

Complementary

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



23.7683, 29.9728, 11.7619



41.2509, -20.1985, -3.7938

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.



23.7690, -14.0169, -39.2337



23.7683, 29.9728, 11.7619



23.7690, -24.3095, 0.7505

Square

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



23.7690, 29.9704, 11.7623



23.7690, -14.7690, 15.1158



23.7690, -21.7669, -18.4617



23.7690, 16.1350, -37.9723

Rectangle

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



23.7683, 29.9728, 11.7619



23.7690, 3.5205, 16.1986



23.7690, -21.7669, -18.4617



23.7690, -5.7079, -47.1227

Sweetspot

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



23.7690, 29.9704, 11.7623



50.4469, 9.1758, 6.7193



26.6032, 41.3386, -27.6320



23.9113, 5.0662, 3.4253



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.



23.7690, 29.9704, 11.7623



29.1673, 46.6640, 17.7468



32.0634, 9.8324, 17.4026



20.8430, 0.5882, 1.7025



21.3324, 36.5301, 13.7844

0.0000, NaN, NaN

Inverse Universe

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



41.2509, -20.1985, -3.7938



54.8064, -28.5818, -5.6267



27.3930, -0.6387, -26.5902



22.1062, -2.7826, 0.6636



41.0505, -21.7613, -4.3332

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 23.7683, 29.9728, 11.7619 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

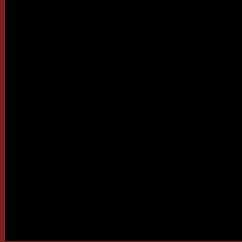
Any Text WCAG AA × Fail

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 23.7683, 29.9728, 11.7619 Background



This preview shows how black text looks on a background with the HunterLab color 23.7683, 29.9728, 11.7619.

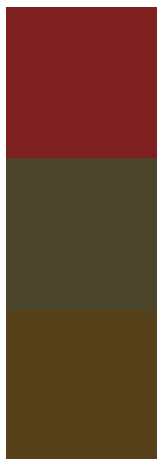


This preview shows how white text looks on a background with the HunterLab color 23.7683, 29.9728,

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

23.7683, 29.9728, 11.7619

Protanopia

24.3597, -2.4416, 9.1678

Deuteranopia

24.1529, 1.4432, 12.5091



Tritanopia

23.7799, 30.0212, 11.5912

Trichromacy



Original Color

23.7683, 29.9728, 11.7619

Protanomaly

23.1543, 8.9207, 9.2833

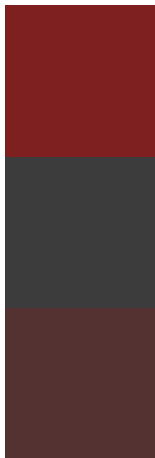
Deuteranomaly

23.2309, 11.9759, 11.7206

Tritanomaly

23.7799, 30.0212, 11.5912

Monochromacy



Original Color

23.7683, 29.9728, 11.7619

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

20.9674, 9.0442, 4.5454

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7683, 29.9728, 11.7619 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(127, 32, 32)` looks like.

```
.text, #text, p{  
    color:rgb(127, 32, 32)  
}
```

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(127, 32, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 32, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7683, 29.9728, 11.7619 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(127, 32, 32) }
```


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

```
.border{ border-color:rgb(127, 32, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 32, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 32, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 32, 32);  
box-shadow:4px 4px 4px 4px rgb(127, 32,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.7683, 29.9728, 11.7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 32, 32) }
```

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

```
.background{ background-color: rgb(127, 32,  
32) }
```

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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