

Converting Colors

HunterLab(21.2444, 1.2193,
11.2650)

Have a look what the booklet for
HunterLab(21.2444, 1.2193,
11.2650) contains.

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Color

**HunterLab(21.2444, 1.2193,
11.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3914
RGB	76, 57, 20
RGB Percent	30%, 22%, 8%
CMY	0.7020, 0.7765, 0.9216
CMYK	0.00, 0.25, 0.74, 0.70
HSL	40°, 58%, 19%
HSV	40°, 74%, 30%
XYZ	4.5699, 4.5132, 1.2921
YIQ	58.4630, 23.2010, -7.4790

Conversions

Conversions Part 2

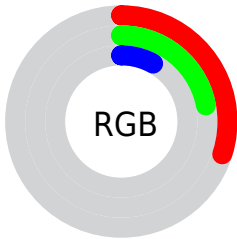
Format	Color
RYB	49, 76, 20
Decimal	4995348
CIELab	25.30, 3.79, 25.59
CIElCh	25, 25.869, 81.570
Yxy	4.5135, 0.4405, 0.4350
Android (android.graphics.Color)	4283185428 (0xFF4C3914)
YUV	58.4630, -18.9623, 15.3799
Hunter-Lab	21.2444, 1.2193, 11.2650

Details

The HunterLab color **21.2444, 1.2193, 11.2650** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.5653, 2.9241, -18.8064**, and the grayscale version is **20.7863, -1.1091, 1.1294**.

A 20% lighter version of the original color is **38.4484, 0.6275, 16.2230**, and **7.7644, 1.9882, 4.8192** is the 20% darker color. If you saturate the color by 10%, you get **20.5961, 1.9888, 11.6873**, and if you desaturate by 10%, it is **21.9234, 0.5469, 10.6148**.

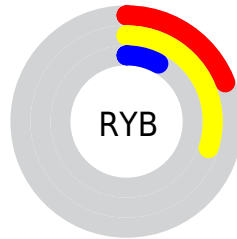
Distribution



 Red (30%)

 Green (22%)

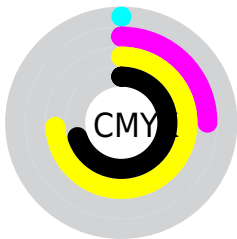
 Blue (8%)



 Red (19%)

 Yellow (30%)

 Blue (8%)

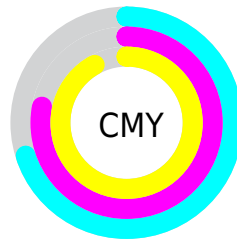


 Cyan (0%)

 Magenta (25%)

 Yellow (74%)

 Black (70%)



 Cyan (70%)

 Magenta (78%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2444, 1.2193, 11.2650 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 21.2444, 1.2193, 11.2650 by changing the saturation by 10% instead.

■ 21.2444, 1.2193,
11.2650

■ 21.2444, 1.2193,
11.2650

■ 120.4247, -2.2970,
30.0502

■ 14.0169, 1.3137,
9.5776

■ 38.4163, 0.7951,
16.0951

■ 7.6607, 1.7481,
5.3625

■ 48.1900, 0.4904,
18.2869

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6756, 0.1332,
20.3820

0.0000, NaN, NaN

■ 69.8276, -0.2714,
22.4044

0.0000, NaN, NaN

■ 81.6083, -0.7196,
24.3713

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.9858, -1.2083,

26.2953

0.0000, NaN, NaN

■ 106.9326, -1.7348,
28.1858

■ 21.2444, 1.2193,
11.2650

■ 21.2444, 1.2193,
11.2650

■ 20.5961, 1.9888,
11.6873

■ 21.9234, 0.5469,
10.6148

■ 19.9731, 2.8318,
11.9476

■ 22.6309, -0.0241,
9.7376

■ 19.5864, 3.3656,
12.1280

■ 23.3665, -0.4947,
8.6389

■ 24.1291, -0.8668,
7.3263

■ 24.9179, -1.1429,
5.8092

■ 25.7315, -1.3264,
4.0978

■ 26.5691, -1.4211,
2.2027

■ 27.4294, -1.4311,
0.1345

■ 28.3114, -1.3607,
-2.0961

Harmonies

Analogous

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



21.2449, 9.5404, 9.8494



21.2444, 1.2193, 11.2650



21.2449, -6.6081, 10.8896

Triad

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



21.2449, 1.2183, 11.2652



21.2449, -13.8614, -5.1051



21.2449, 12.6284, -10.3899

Complementary

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



21.2444, 1.2193, 11.2650



14.5653, 2.9241, -18.8064

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.



21.2449, 4.9558, -17.9689



21.2444, 1.2193, 11.2650



21.2449, -10.0456, -14.2008

Square

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



21.2449, 1.2183, 11.2652



21.2449, -14.5506, 3.2332



21.2449, -3.3896, -19.5788



21.2449, 16.7494, -1.1537

Rectangle

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



21.2444, 1.2193, 11.2650



21.2449, -10.5876, 9.5751



21.2449, -3.3896, -19.5788



21.2449, 10.3287, -13.3409

Sweetspot

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



21.2449, 1.2183, 11.2652



32.9865, -1.5339, 7.4885



14.7896, 17.6505, 1.5166



16.8389, -0.7661, 3.9832



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



21.2449, 1.2183, 11.2652



26.5610, 3.4915, 15.6562



25.3652, -8.7333, 13.9299



13.6197, -0.7212, 1.6509



26.2420, 5.1622, 16.2606



62.5148, 15.2146, 38.7877

Inverse Universe

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



14.5653, 2.9241, -18.8064



16.1757, 7.4361, -33.5845



11.2903, 12.5670, -28.7289



13.1679, -0.6742, -0.2499



14.6225, 10.8823, -41.7686



33.3372, 32.2940, -111.3820

Previews

White Background



This preview shows how the HunterLab color 21.2444, 1.2193, 11.2650 looks on a white background.

Color Contrast Check

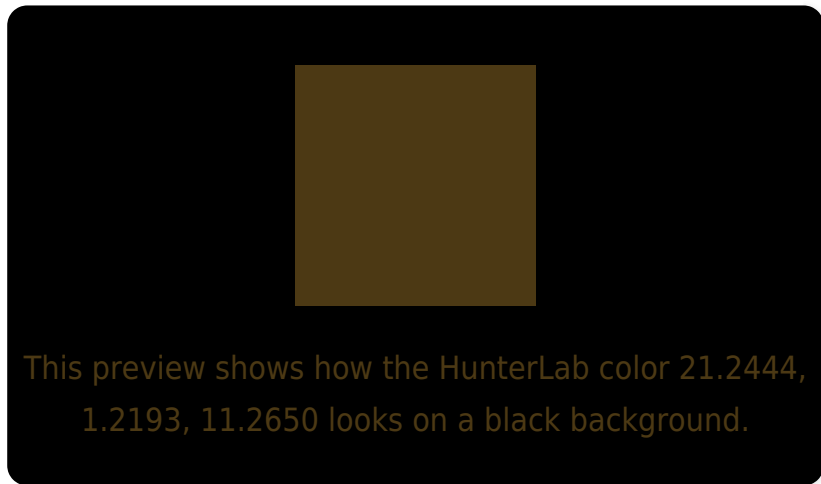
Large Text (above 18pt) WCAG AA ✓ Pass

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

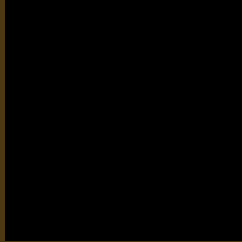
Any Text WCAG AA × Fail

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 21.2444, 1.2193, 11.2650 Background



This preview shows how black text looks on a background with the HunterLab color 21.2444, 1.2193, 11.2650.

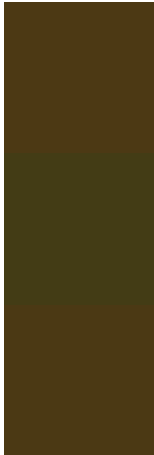


This preview shows how white text looks on a background with the HunterLab color 21.2444, 1.2193,

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

21.2444, 1.2193, 11.2650

Protanopia

21.1640, -2.7442, 11.0056

Deuteranopia

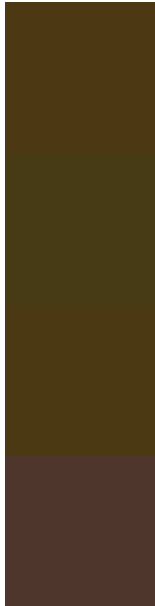
21.1486, 0.8957, 11.1919



Tritanopia

21.2223, 6.9012, 2.3836

Trichromacy



Original Color

21.2444, 1.2193, 11.2650

Protanomaly

21.1758, -1.4425, 11.0368

Deuteranomaly

21.1486, 0.8957, 11.1919

Tritanomaly

21.0710, 4.7681, 6.3624

Monochromacy



Original Color

21.2444, 1.2193, 11.2650

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.8129, -0.8507, 6.0218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2444, 1.2193, 11.2650 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(76, 57, 20)` looks like.

```
.text, #text, p{  
    color:rgb(76, 57, 20)  
}
```

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(76, 57, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 57, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2444, 1.2193, 11.2650 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(76, 57, 20) }
```


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

```
.border{ border-color:rgb(76, 57, 20) }
```

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

Here you see how a box with a 4 pixel rgb(76, 57, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 57, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 57, 20);  
box-shadow:4px 4px 4px 4px rgb(76, 57, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2444, 1.2193, 11.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 57, 20) }
```

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

```
.background{ background-color: rgb(76, 57,  
20) }
```

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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