

Converting Colors

HunterLab(18.5678, 6.9504,
8.5084)

Have a look what the booklet for
HunterLab(18.5678, 6.9504, 8.5084)
contains.

HunterLab(18.4728, 6.9775, 8.3683)	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(18.4728, 6.9775,
8.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	4C2C1A
RGB	76, 44, 26
RGB Percent	30%, 17%, 10%
CMY	0.7020, 0.8274, 0.8980
CMYK	0.00, 0.42, 0.66, 0.70
HSL	22°, 49%, 20%
HSV	22°, 66%, 30%
XYZ	4.0676, 3.4124, 1.4216
YIQ	51.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

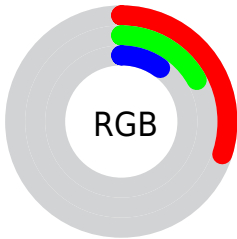
Format	Color
R_{YB}	76, 54, 26
Decimal	4992026
CIE _{Lab}	21.63, 12.71, 17.78
CIE _{LCh}	22, 21.855, 54.431
Yxy	3.4126, 0.4569, 0.3834
Android (android.graphics.Color)	4283182106 (0xFF4C2C1A)
YUV	51.5160, -12.5794, 21.4725
Hunter-Lab	18.4728, 6.9775, 8.3683

Details

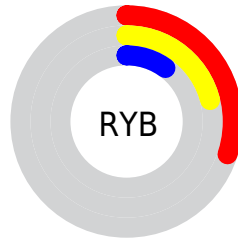
The HunterLab color **18.4728, 6.9775, 8.3683** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19.4097, -4.1384, -8.9984**, and the grayscale version is **18.4036, -0.9820, 0.9999**.

A 20% lighter version of the original color is **35.0236, 7.5838, 11.9052**, and **5.2538, 8.9972, 3.3948** is the 20% darker color. If you saturate the color by 10%, you get **17.4403, 8.6079, 8.8929**, and if you desaturate by 10%, it is **19.5835, 5.4349, 7.6715**.

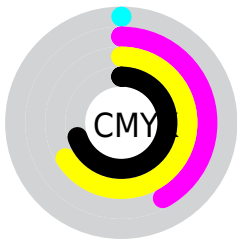
Distribution



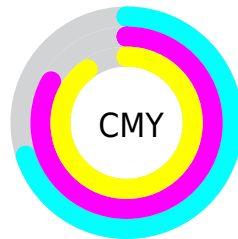
- Red (30%)
- Green (17%)
- Blue (10%)



- Red (30%)
- Yellow (21%)
- Blue (10%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (70%)



- Cyan (70%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4728, 6.9775, 8.3683 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 18.4728, 6.9775, 8.3683 by changing the saturation by 10% instead.

18.4728, 6.9775,
8.3683

18.4728, 6.9775,
8.3683

115.4041, 7.7264,
22.9191

11.6222, 6.3929,
7.3269

35.0139, 7.7259,
11.9978

4.2426, 12.8304,
2.9698

44.5126, 7.9407,
13.6648

0.0000, NaN, NaN

0.0000, NaN, NaN

54.7423, 8.0698,
15.2745

0.0000, NaN, NaN

65.6541, 8.1237,
16.8442

0.0000, NaN, NaN


77.2077, 8.1105,
18.3861


0.0000, NaN, NaN


0.0000, NaN, NaN


89.3693, 8.0366,


 102.1098, 7.9072,
21.4180


 18.4728, 6.9775,
8.3683


 18.4728, 6.9775,
8.3683

 17.4403, 8.6079,
8.8929


 19.5835, 5.4349,
7.6715


 16.4925, 10.3139,
9.2266

 20.7635, 3.9902,
6.8214

 15.6286, 12.0254,
9.4921

 22.0065, 2.6435,
5.8372

 15.2876, 12.7212,
9.6428

 23.3063, 1.3920,
4.7364

 24.6573, 0.2308,
3.5342

■ 26.0548, -0.8466,
2.2436

■ 27.4947, -1.8467,
0.8757

■ 28.9731, -2.7764,
-0.5601

■ 30.4869, -3.6421,
-2.0561

Harmonies

Analogous

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



18.4733, 12.0228, 5.3284



18.4728, 6.9775, 8.3683



18.4733, 0.2591, 9.4290

Triad

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



18.4733, 6.9765, 8.3685



18.4733, -11.9818, 2.1374



18.4733, 4.5514, -13.6787

Complementary

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



18.4728, 6.9775, 8.3683



19.4097, -4.1384, -8.9984

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.



18.4733, -2.2003, -15.4629



18.4728, 6.9775, 8.3683



18.4733, -11.1653, -4.7066

Square

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



18.4733, 6.9765, 8.3685



18.4733, -10.2047, 6.7325



18.4733, -7.7943, -11.7310



18.4733, 10.4909, -7.4693

Rectangle

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



18.4728, 6.9775, 8.3683



18.4733, -4.0395, 9.2842



18.4733, -7.7943, -11.7310



18.4733, 2.2783, -14.8901

Sweetspot

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



18.4733, 6.9765, 8.3685



31.6577, 1.0529, 5.4711



16.0808, 17.6624, -4.7881



16.0892, 0.6610, 2.9289



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.



18.4733, 6.9765, 8.3685



22.2323, 12.7565, 12.0457



24.0958, -3.1690, 12.3874



13.3589, -0.2837, 1.3665



20.3244, 18.2914, 12.8440



47.8228, 48.9558, 30.3253

Inverse Universe

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



19.4097, -4.1384, -8.9984



23.6536, -4.8377, -15.3817



13.6277, 6.1255, -21.2431



13.4318, -1.1092, 0.0693



21.8442, -3.0534, -20.7120



51.4903, -4.7361, -54.1346

Previews

White Background



This preview shows how the HunterLab color 18.4728, 6.9775, 8.3683 looks on a white background.

Color Contrast Check

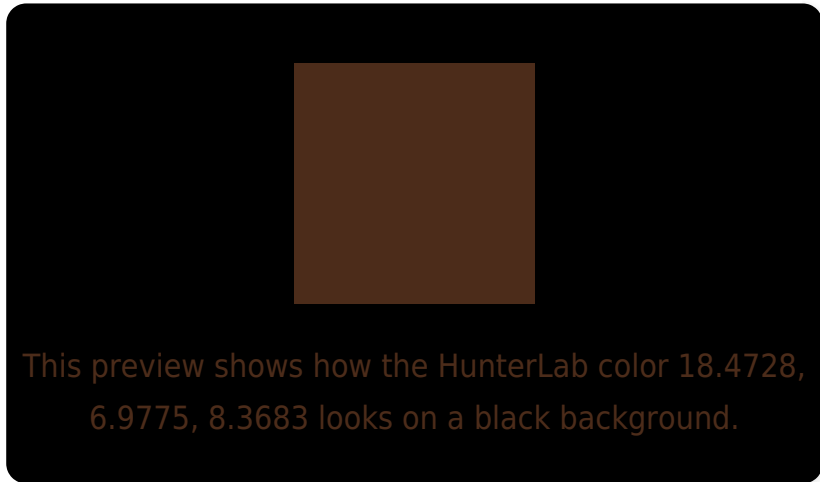
Large Text (above 18pt) WCAG AA ✓ Pass

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

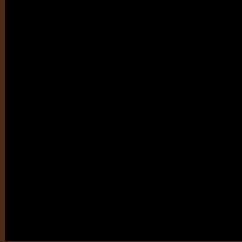
Any Text WCAG AA × Fail

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 18.4728, 6.9775, 8.3683 Background



This preview shows how black text looks on a background with the HunterLab color 18.4728, 6.9775, 8.3683.

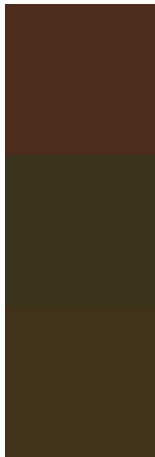


This preview shows how white text looks on a background with the HunterLab color 18.4728, 6.9775,

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

18.4728, 6.9775, 8.3683

Protanopia

18.5586, -1.7506, 7.6915

Deuteranopia

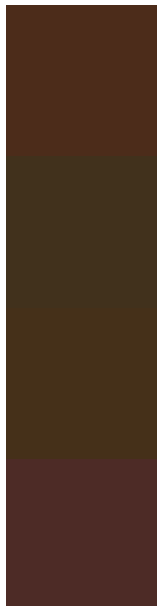
18.6419, 0.8520, 8.5769



Tritanopia

18.5018, 9.7069, 3.6150

Trichromacy



Original Color

18.4728, 6.9775, 8.3683

Protanomaly

18.4507, 1.4546, 7.8644

Deuteranomaly

18.5723, 2.9313, 8.5594

Tritanomaly

18.5620, 8.6200, 5.7315

Monochromacy



Original Color

18.4728, 6.9775, 8.3683

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.3389, 1.5732, 3.9388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4728, 6.9775, 8.3683 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, 44, 26)` looks like.

```
.text, #text, p{  
    color:rgb(76, 44, 26)  
}
```

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, 44, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 44, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4728, 6.9775, 8.3683 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, 44, 26) }
```


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

```
.border{ border-color:rgb(76, 44, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 44, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 44, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 44, 26);  
box-shadow:4px 4px 4px 4px rgb(76, 44, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4728, 6.9775, 8.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 44, 26) }
```

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

```
.background{ background-color: rgb(76, 44,  
26) }
```

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