

Converting Colors

HunterLab(30.3666, 4.2548,
19.0253)

Have a look what the booklet for
HunterLab(30.3666, 4.2548,
19.0253) contains.

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Color

**HunterLab(30.2810, 4.3965,
18.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	724F00
RGB	114, 79, 0
RGB Percent	45%, 31%, 0%
CMY	0.5529, 0.6902, 1.0000
CMYK	0.00, 0.31, 1.00, 0.55
HSL	42°, 100%, 22%
HSV	42°, 100%, 45%
XYZ	9.7354, 9.1694, 1.2567
YIQ	80.4590, 46.2190, -17.1490

Conversions

Conversions Part 2

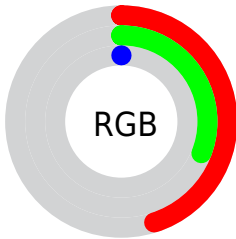
Format	Color
R_{YB}	51, 114, 0
Decimal	7491328
CIE Lab	36.31, 8.47, 44.99
CIE LCh	36, 45.779, 79.334
Yxy	9.1699, 0.4829, 0.4548
Android (android.graphics.Color)	4285681408 (0xFF724F00)
YUV	80.4590, -39.6663, 29.4155
Hunter-Lab	30.2810, 4.3965, 18.7360

Details

The HunterLab color **30.2810, 4.3965, 18.7360** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **15.5465, 14.5674, -50.8779**, and the grayscale version is **28.6170, -1.5269, 1.5548**.

A 20% lighter version of the original color is **49.2450, 4.3039, 26.2180**, and **14.8127, 4.5112, 9.2065** is the 20% darker color. If you saturate the color by 10%, you get **30.2815, 4.3952, 18.7363**, and if you desaturate by 10%, it is **31.1661, 3.0626, 18.6322**.

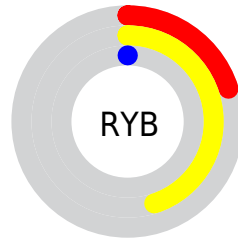
Distribution



Red (45%)

Green (31%)

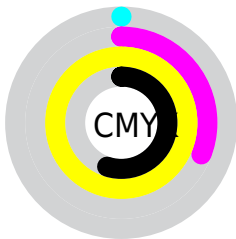
Blue (0%)



Red (20%)

Yellow (45%)

Blue (0%)

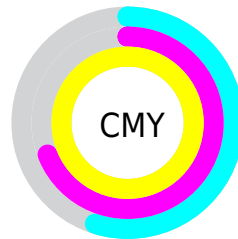


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2810, 4.3965, 18.7360 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 30.2810, 4.3965, 18.7360 by changing the saturation by 10% instead.

30.2810, 4.3965,
18.7360

30.2810, 4.3965,
18.7360

135.8823, 2.4282,
47.3419

22.0276, 4.2782,
15.3491

49.2158, 4.3679,
26.1553

14.6996, 4.0494,
10.2897

59.7704, 4.2478,
29.5459

8.3575, 3.9783,
5.8502

70.9874, 4.0675,
32.7757

0.0000, NaN, NaN

0.0000, NaN, NaN

82.8296, 3.8327,
35.8738

0.0000, NaN, NaN

95.2657, 3.5479,
38.8632

0.0000, NaN, NaN

0.0000, NaN, NaN

108.2685, 3.2169,

41.7618

0.0000, NaN, NaN

■ 121.8144, 2.8427,
44.5841

■ 30.2810, 4.3965,
18.7360

■ 30.2810, 4.3965,
18.7360

■ 30.2815, 4.3952,
18.7363

■ 31.1661, 3.0626,
18.6322

■ 32.0850, 1.8217,
18.3237

■ 33.0496, 0.7390,
17.6354

■ 34.0597, -0.1776,
16.5560

■ 35.1148, -0.9246,
15.0849

■ 36.2137, -1.5022,
13.2289

■ 37.3553, -1.9126,
10.9994

■ 38.5381, -2.1600,
8.4114

■ 39.7605, -2.2500,
5.4816

Harmonies

Analogous

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



30.2818, 21.5919, 16.6504



30.2810, 4.3965, 18.7360



30.2818, -11.2969, 18.4320

Triad

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



30.2818, 4.3949, 18.7363



30.2818, -25.8499, -9.9562



30.2818, 25.9624, -24.8742

Complementary

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



30.2810, 4.3965, 18.7360



15.5465, 14.5674, -50.8779

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.



30.2818, 9.4550, -42.0432



30.2810, 4.3965, 18.7360



30.2818, -19.4306, -30.7410

Square

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



30.2818, 4.3949, 18.7363



30.2818, -26.6421, 6.6566



30.2818, -7.1944, -44.6246



30.2818, 35.6793, -4.3952

Rectangle

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



30.2810, 4.3965, 18.7360



30.2818, -19.0092, 16.8165



30.2818, -7.1944, -44.6246



30.2818, 20.8796, -31.5991

Sweetspot

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



30.2818, 4.3949, 18.7363



49.4003, -2.5010, 14.8276



19.2495, 33.6295, 7.2842



23.5206, -1.1276, 7.6066



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



30.2818, 4.3949, 18.7363



39.8586, 6.3563, 24.6719



37.9037, -16.6878, 23.0638



19.3696, -1.0929, 2.5089



31.9023, 4.7253, 19.7408



70.0863, 12.6455, 43.4082

Inverse Universe

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



15.5465, 14.5674, -50.8779



20.1065, 20.6657, -69.7427



11.7189, 30.4343, -72.7883



18.5798, -0.8742, -0.5465



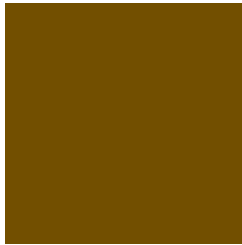
16.3178, 15.5957, -54.0625



34.4919, 40.1532, -129.7911

Previews

White Background



This preview shows how the HunterLab color 30.2810, 4.3965, 18.7360 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



This preview shows how the HunterLab color 30.2810, 4.3965, 18.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

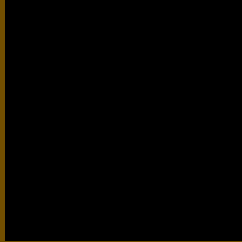
Any Text WCAG AA × Fail

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 30.2810, 4.3965, 18.7360 Background



This preview shows how black text looks on a background with the HunterLab color 30.2810, 4.3965, 18.7360.



This preview shows how white text looks on a background with the HunterLab color 30.2810, 4.3965,

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

30.2810, 4.3965, 18.7360

Protanopia

30.3518, -4.3271, 18.2342

Deuteranopia

30.2259, 1.7254, 18.6553



Tritanopia

30.1853, 12.9925, 4.2980

Trichromacy



Original Color

30.2810, 4.3965, 18.7360

Protanomaly

30.1311, -1.1382, 18.3207

Deuteranomaly

30.1941, 2.8739, 18.6558

Tritanomaly

29.9591, 8.9062, 12.6446

Monochromacy



Original Color

30.2810, 4.3965, 18.7360

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.7257, -1.3050, 11.2134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2810, 4.3965, 18.7360 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(114, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 79, 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(114, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 79, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2810, 4.3965, 18.7360 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(114, 79, 0) }
```


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

```
.border{ border-color:rgb(114, 79, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 79, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 79, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2810, 4.3965, 18.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 79, 0) }
```

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

```
.background{ background-color: rgb(114, 79,  
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](#).

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