

Converting Colors

HunterLab(34.8445, 20.0714,
21.8224)

Have a look what the booklet for
HunterLab(34.8445, 20.0714,
21.8224) contains.

HunterLab(34.7564, 20.2736, 21.7716)	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(34.7564, 20.2736,
21.7716)**

Conversions

Conversions Part 1

Format	Color
Hex	994D00
RGB	153, 77, 0
RGB Percent	60%, 30%, 0%
CMY	0.4000, 0.6980, 1.0000
CMYK	0.00, 0.50, 1.00, 0.40
HSL	30°, 100%, 30%
HSV	30°, 100%, 60%
XYZ	15.7908, 12.0801, 1.4995
YIQ	90.9460, 70.0130, -7.8350

Conversions

Conversions Part 2

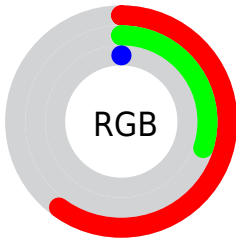
Format	Color
RYB	151, 153, 0
Decimal	10046720
CIELab	41.34, 27.70, 50.93
CIELCh	41, 57.972, 61.461
Yxy	12.0807, 0.5376, 0.4113
Android (android.graphics.Color)	4288236800 (0xFF994D00)
YUV	90.9460, -44.8364, 54.4214
Hunter-Lab	34.7564, 20.2736, 21.7716

Details

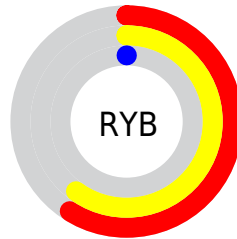
The HunterLab color **34.7564, 20.2736, 21.7716** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **27.3288, 6.6096, -48.4263**, and the grayscale version is **32.4677, -1.7324, 1.7640**.

A 20% lighter version of the original color is **54.4154, 22.0239, 29.8396**, and **18.3342, 18.3819, 11.6193** is the 20% darker color. If you saturate the color by 10%, you get **34.7569, 20.2720, 21.7719**, and if you desaturate by 10%, it is **36.3903, 16.9706, 21.9656**.

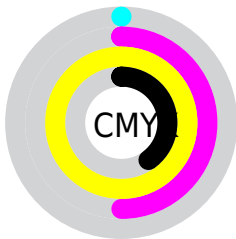
Distribution



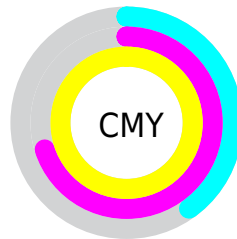
- Red (60%)
- Green (30%)
- Blue (0%)



- Red (59%)
- Yellow (60%)
- Blue (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)
- Black (40%)



- Cyan (40%)
- Magenta (70%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7564, 20.2736, 21.7716 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 34.7564, 20.2736, 21.7716 by changing the saturation by 10% instead.

■ 34.7564, 20.2736,
21.7716

■ 34.7564, 20.2736,
21.7716

■ 143.1569, 25.5355,
52.9757

■ 26.0743, 19.1747,
17.7570

■ 54.4445, 22.0797,
29.8116

■ 18.2661, 17.9319,
12.7863

■ 65.3377, 22.8193,
33.5094

■ 11.4448, 16.5462,
8.0114

■ 76.8737, 23.4642,
37.0394

■ 3.8575, 31.0806,
2.7003

■ 89.0186, 24.0232,
40.4292

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.7431, 24.5040,
43.7012

0.0000, NaN, NaN

■ 115.0222, 24.9128,

0.0000, NaN, NaN

46.8736

0.0000, NaN, NaN

■ 128.8333, 25.2552,
49.9611

■ 34.7564, 20.2736,
21.7716

■ 34.7564, 20.2736,
21.7716

■ 34.7569, 20.2720,
21.7719

■ 36.3903, 16.9706,
21.9656

■ 38.1561, 13.8023,
21.7811

■ 40.0569, 10.8529,
21.0617

■ 42.0846, 8.1461,
19.8144

■ 44.2305, 5.6913,
18.0651

■ 46.4856, 3.4879,
15.8483

■ 48.8418, 1.5285,
13.2025

■ 51.2910, -0.1985,
10.1660

■ 53.8261, -1.7069,
6.7756

Harmonies

Analogous

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



34.7573, 41.0891, 16.8309



34.7564, 20.2736, 21.7716



34.7573, -2.9078, 22.7405

Triad

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



34.7573, 20.2711, 21.7720



34.7573, -34.3697, 0.8707



34.7573, 22.5578, -51.4228

Complementary

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



34.7564, 20.2736, 21.7716



27.3288, 6.6096, -48.4263

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.



34.7573, -0.7924, -65.2129



34.7564, 20.2736, 21.7716



34.7573, -30.6405, -25.6554

Square

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



34.7573, 20.2711, 21.7720



34.7573, -31.3122, 15.9599



34.7573, -19.5414, -53.7098



34.7573, 42.6200, -22.7413

Rectangle

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



34.7564, 20.2736, 21.7716



34.7573, -15.7715, 22.2263



34.7573, -19.5414, -53.7098



34.7573, 14.6639, -58.5336

Sweetspot

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



34.7573, 20.2711, 21.7720



65.1709, 2.1928, 17.8942



27.0207, 48.2298, 2.2897



30.0478, 1.4904, 9.0737



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



34.7573, 20.2711, 21.7720



46.1116, 28.0572, 28.9049



54.3641, -14.6017, 33.2431



25.9049, -0.8701, 3.1169



31.7037, 18.1873, 19.8540



4.7221, 0.5051, 2.9186

Inverse Universe

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



27.3288, 6.6096, -48.4263



36.0609, 9.8543, -66.3455



15.1658, 41.1348, -107.7530



25.5102, -1.7838, -0.4160



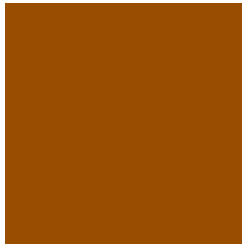
24.9784, 5.7485, -43.6301



4.0730, -1.0019, -2.9282

Previews

White Background



This preview shows how the HunterLab color 34.7564, 20.2736, 21.7716 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 × Fail

Black Background



This preview shows how the HunterLab color 34.7564, 20.2736, 21.7716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7564, 20.2736, 21.7716 Background



This preview shows how black text looks on a background with the HunterLab color 34.7564, 20.2736, 21.7716.



This preview shows how white text looks on a background with the HunterLab color 34.7564, 20.2736,

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

34.7564, 20.2736, 21.7716

Protanopia

35.1173, -5.0850, 20.9072

Deuteranopia

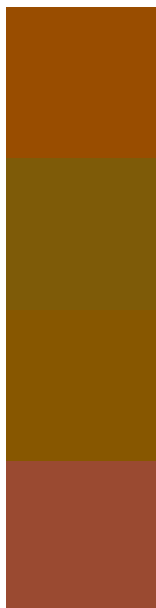
34.8049, 1.7964, 21.4780



Tritanopia

34.8412, 27.0169, 9.9939

Trichromacy



Original Color

34.7564, 20.2736, 21.7716

Protanomaly

34.5475, 3.5537, 20.9560

Deuteranomaly

34.5938, 8.6027, 21.4671

Tritanomaly

34.6256, 23.5865, 16.7735

Monochromacy



Original Color

34.7564, 20.2736, 21.7716

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.4630, 3.8441, 12.7599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7564, 20.2736, 21.7716 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(153, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 77, 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(153, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 77, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7564, 20.2736, 21.7716 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(153, 77, 0) }
```


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

```
.border{ border-color:rgb(153, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.7564, 20.2736, 21.7716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 77, 0) }
```

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

```
.background{ background-color: rgb(153, 77,  
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