

Converting Colors

HunterLab(36.5493, -5.5832,
22.1442)

Have a look what the booklet for
HunterLab(36.5493, -5.5832,
22.1442) contains.

HunterLab(36.5493, -5.5832, 22.1442)	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(36.5493, -5.5832,
22.1442)**

Conversions

Conversions Part 1

Format	Color
Hex	736706
RGB	115, 103, 6
RGB Percent	45%, 40%, 2%
CMY	0.5490, 0.5961, 0.9764
CMYK	0.00, 0.10, 0.95, 0.55
HSL	53°, 90%, 24%
HSV	53°, 95%, 45%
XYZ	11.9534, 13.3585, 2.1208
YIQ	95.5300, 38.2890, -27.6230

Conversions

Conversions Part 2

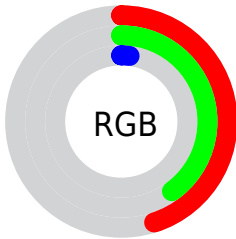
Format	Color
R_YB	19, 115, 6
Decimal	7563014
CIE Lab	43.30, -5.09, 48.43
CIE LCh	43, 48.694, 96.002
Yxy	13.3592, 0.4357, 0.4870
Android (android.graphics.Color)	4285753094 (0xFF736706)
YUV	95.5300, -44.1383, 17.0752
Hunter-Lab	36.5493, -5.5832, 22.1442

Details

The HunterLab color **36.5493, -5.5832, 22.1442** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13.0739, 23.3507, -65.0904**, and the grayscale version is **34.1759, -1.8235, 1.8568**.

A 20% lighter version of the original color is **56.5828, -7.4387, 29.8082**, and **19.9575, -3.5051, 12.2364** is the 20% darker color. If you saturate the color by 10%, you get **36.3524, -5.4042, 22.3056**, and if you desaturate by 10%, it is **36.9348, -5.9032, 21.7706**.

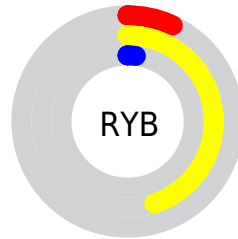
Distribution



Red (45%)

Green (40%)

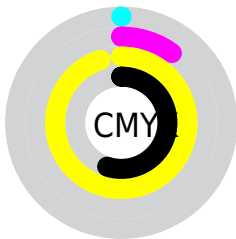
Blue (2%)



Red (7%)

Yellow (45%)

Blue (2%)

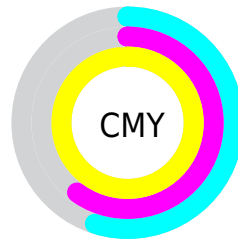


Cyan (0%)

Magenta (10%)

Yellow (95%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5493, -5.5832, 22.1442 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 36.5493, -5.5832, 22.1442 by changing the saturation by 10% instead.

36.5493, -5.5832,
22.1442

36.5493, -5.5832,
22.1442

146.0160,
-13.6326, 51.7679

27.7062, -4.7784,
18.0499

56.5221, -7.2408,
29.7375

19.7194, -3.9803,
13.8036

67.5440, -8.0953,
33.2368

12.6941, -3.1793,
8.8859

79.2015, -8.9689,
36.5832

6.0438, -3.9938,
4.2307

91.4619, -9.8620,
39.8026

0.0000, NaN, NaN

0.0000, NaN, NaN

104.2968,
-10.7750, 42.9157

0.0000, NaN, NaN

117.6815,

0.0000, NaN, NaN

-11.7078, 45.9390

0.0000, NaN, NaN

■ 131.5944,
-12.6603, 48.8861

■ 36.5493, -5.5832,
22.1442

■ 36.5493, -5.5832,
22.1442

■ 36.3524, -5.4042,
22.3056

■ 36.9348, -5.9032,
21.7706

■ 37.3444, -6.0909,
21.0586

■ 37.7827, -6.1258,
19.9527

■ 38.2517, -5.9978,
18.4286

■ 38.7526, -5.6998,
16.4704

■ 39.2864, -5.2274,
14.0688

■ 39.8537, -4.5783,
11.2199

■ 40.4548, -3.7520,
7.9247

■ 41.0899, -2.7496,
4.1880

Harmonies

Analogous

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



36.5502, 13.6071, 21.3316



36.5493, -5.5832, 22.1442



36.5502, -20.5387, 20.1045

Triad

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



36.5502, -5.5847, 22.1445



36.5502, -26.4315, -23.8934



36.5502, 36.3864, -14.5492

Complementary

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



36.5493, -5.5832, 22.1442



13.0739, 23.3507, -65.0904

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.



36.5502, 21.3001, -37.1426



36.5493, -5.5832, 22.1442



36.5502, -15.2779, -44.1538

Square

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



36.5502, -5.5847, 22.1445



36.5502, -30.9421, -1.7142



36.5502, 1.8279, -49.9273



36.5502, 40.3933, 5.3421

Rectangle

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



36.5493, -5.5832, 22.1442



36.5502, -26.9379, 16.2661



36.5502, 1.8279, -49.9273



36.5502, 32.3148, -22.3277

Sweetspot

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



36.5502, -5.5847, 22.1445



53.0252, -6.4989, 16.5953



19.5481, 31.9980, 10.7744



25.7699, -3.3199, 8.7502



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.5502, -5.5847, 22.1445



48.5251, -7.0424, 29.7776



37.0130, -21.7167, 22.1507



20.4958, -1.6069, 2.9328



38.8443, -5.7402, 23.8352



85.2984, -11.9630, 52.3510

Inverse Universe

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



13.0739, 23.3507, -65.0904



16.1366, 35.2007, -96.1575



14.1118, 30.5631, -58.9150



19.1020, -0.4411, -0.9327



13.0963, 27.3443, -75.3978



27.7544, 64.9007, -174.7926

Previews

White Background



This preview shows how the HunterLab color 36.5493, -5.5832, 22.1442 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 36.5493, -5.5832, 22.1442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

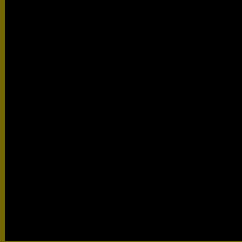
Any Text WCAG AA × Fail

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 36.5493, -5.5832, 22.1442 Background



This preview shows how black text looks on a background with the HunterLab color 36.5493, -5.5832, 22.1442.

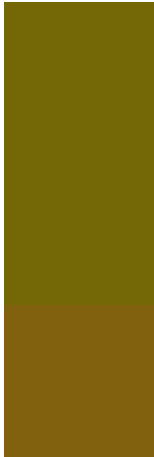


This preview shows how white text looks on a background with the HunterLab color 36.5493, -5.5832,

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

36.5493, -5.5832, 22.1442

Protanopia

36.6424, -5.2504, 22.2082

Deuteranopia

36.3981, 2.0537, 21.7875



Tritanopia

36.6196, 6.6740, 1.9057

Trichromacy



Original Color

36.5493, -5.5832, 22.1442

Protanomaly

36.6424, -5.2504, 22.2082

Deuteranomaly

36.3771, -0.6822, 21.8874

Tritanomaly

36.4184, 0.5395, 13.5469

Monochromacy



Original Color

36.5493, -5.5832, 22.1442

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.8800, -4.9897, 13.4119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5493, -5.5832, 22.1442 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(115, 103, 6)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 6)  
}
```

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(115, 103, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5493, -5.5832, 22.1442 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(115, 103, 6) }
```


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

```
.border{ border-color:rgb(115, 103, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 103, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 103, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 103, 6);  
box-shadow:4px 4px 4px 4px rgb(115, 103,  
6) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5493, -5.5832, 22.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 6) }
```

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

```
.background{ background-color: rgb(115,  
103, 6) }
```

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