

Converting Colors

HunterLab(37.2578, -19.2092,
22.5853)

Have a look what the booklet for
HunterLab(37.2578, -19.2092,
22.5853) contains.

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Color

**HunterLab(37.2503,
-19.2332, 22.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	537201
RGB	83, 114, 1
RGB Percent	33%, 45%, 0%
CMY	0.6745, 0.5529, 0.9960
CMYK	0.27, 0.00, 0.99, 0.55
HSL	76°, 98%, 23%
HSV	76°, 99%, 45%
XYZ	9.5901, 13.8758, 2.2016
YIQ	91.8490, 17.7970, -41.7150

Conversions

Conversions Part 2

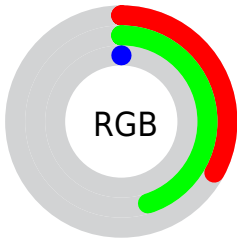
Format	Color
R_{YB}	1, 114, 32
Decimal	5468673
CIE Lab	44.06, -26.08, 49.05
CIE LCh	44, 55.558, 118.001
Yxy	13.8765, 0.3736, 0.5406
Android (android.graphics.Color)	4283658753 (0xFF537201)
YUV	91.8490, -44.7886, -7.7606
Hunter-Lab	37.2503, -19.2332, 22.5710

Details

The HunterLab color **37.2503, -19.2332, 22.5710** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **12.4262, 30.6050, -67.7698**, and the grayscale version is **32.8153, -1.7509, 1.7829**.

A 20% lighter version of the original color is **57.3188, -23.5157, 30.1938**, and **20.5025, -13.7316, 12.3931** is the 20% darker color. If you saturate the color by 10%, you get **37.2313, -19.3182, 22.6036**, and if you desaturate by 10%, it is **37.4798, -18.2685, 22.2039**.

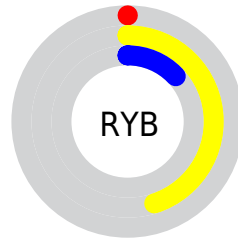
Distribution



Red (33%)

Green (45%)

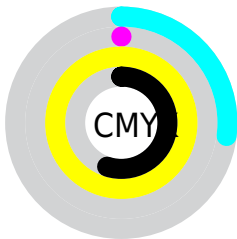
Blue (0%)



Red (0%)

Yellow (45%)

Blue (13%)

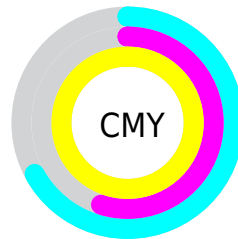


Cyan (27%)

Magenta (0%)

Yellow (99%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2503, -19.2332, 22.5710 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 37.2503, -19.2332, 22.5710 by changing the saturation by 10% instead.

37.2503, -19.2332,
22.5710

37.2503, -19.2332,
22.5710

147.1261,
-36.8559, 52.4387

28.3457, -16.9323,
18.4292

57.3321, -23.4948,
30.2193

20.2909, -14.4480,
14.2037

68.4032, -25.5118,
33.7468

13.1884, -11.6813,
9.2319

80.1074, -27.4771,
37.1213

6.7003, -11.7255,
4.6902

92.4122, -29.4027,
40.3683

0.0000, NaN, NaN

0.0000, NaN, NaN

105.2894,
-31.2972, 43.5086


0.0000, NaN, NaN


118.7148,


0.0000, NaN, NaN


-33.1676, 46.5585


0.0000, NaN, NaN


 132.6668,
-35.0191, 49.5316


 37.2503, -19.2332,
22.5710


 37.2503, -19.2332,
22.5710


 37.2313, -19.3182,
22.6036

 37.4798, -18.2685,
22.2039

 37.7319, -17.1862,
21.6078

 38.0171, -15.9330,
20.6417

 38.3376, -14.4990,
19.2742

 38.6953, -12.8783,
17.4830

■ 39.0913, -11.0680,
15.2533

■ 39.5265, -9.0678,
12.5764

■ 40.0016, -6.8797,
9.4494

■ 40.5169, -4.5074,
5.8740

Harmonies

Analogous

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



37.2511, -0.5595, 23.6772



37.2503, -19.2332, 22.5710



37.2511, -30.5995, 17.2608

Triad

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



37.2511, -19.2342, 22.5712



37.2511, -21.1937, -48.0052



37.2511, 48.0259, 0.6520

Complementary

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



37.2503, -19.2332, 22.5710



12.4262, 30.6050, -67.7698

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.



37.2511, 39.1832, -24.8703



37.2503, -19.2332, 22.5710



37.2511, -3.3985, -61.1129

Square

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



37.2511, -19.2342, 22.5712



37.2511, -31.5406, -21.1091



37.2511, 19.1051, -50.9009



37.2511, 41.1789, 16.0079

Rectangle

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



37.2503, -19.2332, 22.5710



37.2511, -34.0222, 9.2110



37.2511, 19.1051, -50.9009



37.2511, 46.7558, -6.9511

Sweetspot

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



37.2511, -19.2342, 22.5712



52.2970, -12.4768, 17.3003



21.3708, 24.7354, 13.5213



25.0591, -6.4163, 8.8836



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.



37.2511, -19.2342, 22.5712



49.2891, -25.8633, 29.9189



35.0366, -28.2746, 21.0454



19.6786, -2.1730, 2.8281



39.2702, -20.4242, 23.8406



87.3940, -46.5877, 53.0362

Inverse Universe

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



12.4262, 30.6050, -67.7698



16.1176, 40.8476, -92.2633



18.1491, 37.4653, -40.1701



18.2775, 0.1995, -0.9122



12.9377, 32.6093, -72.6701



28.2156, 72.1963, -166.8525

Previews

White Background



This preview shows how the HunterLab color 37.2503, -19.2332, 22.5710 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 37.2503, -19.2332, 22.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

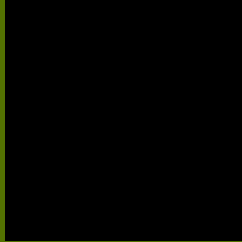
Any Text WCAG AA × Fail

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 37.2503, -19.2332, 22.5710 Background



This preview shows how black text looks on a background with the HunterLab color 37.2503, -19.2332, 22.5710.



This preview shows how white text looks on a background with the HunterLab color 37.2503,

-19.2332, 22.5710.

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

37.2503, -19.2332, 22.5710

Protanopia

36.9899, -5.4424, 22.6977

Deuteranopia

37.1525, 2.0410, 21.7968



Tritanopia

37.2863, -3.9383, -2.4075

Trichromacy



Original Color

37.2503, -19.2332, 22.5710

Protanomaly

37.0518, -10.9404, 22.6396

Deuteranomaly

36.7556, -6.1960, 21.8700

Tritanomaly

36.8673, -11.8030, 12.3738

Monochromacy



Original Color

37.2503, -19.2332, 22.5710

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.9911, -9.7728, 13.5568

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2503, -19.2332, 22.5710 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(83, 114, 1)` looks like.

```
.text, #text, p{  
    color:rgb(83, 114, 1)  
}
```

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(83, 114, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 114, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2503, -19.2332, 22.5710 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(83, 114, 1) }
```


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

```
.border{ border-color:rgb(83, 114, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 114, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 114, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 114, 1);  
box-shadow:4px 4px 4px 4px rgb(83, 114, 1)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.2503, -19.2332, 22.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 114, 1) }
```

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

```
.background{ background-color: rgb(83, 114,  
1) }
```

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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