

Converting Colors

HunterLab(20.9465, 36.0213,
12.3747)

Have a look what the booklet for
HunterLab(20.9465, 36.0213,
12.3747) contains.

HunterLab(20.9563, 36.0397, 12.3687)	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>	30

Color

**HunterLab(20.9563, 36.0397,
12.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	7D000E
RGB	125, 0, 14
RGB Percent	49%, 0%, 5%
CMY	0.5098, 0.9999, 0.9451
CMYK	0.00, 1.00, 0.89, 0.51
HSL	353°, 100%, 25%
HSV	353°, 100%, 49%
XYZ	8.5367, 4.3917, 0.8132
YIQ	38.9710, 70.0060, 30.8540

Conversions

Conversions Part 2

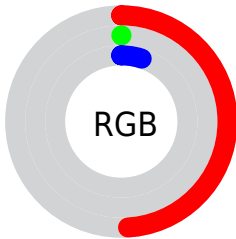
Format	Color
R_{YB}	125, 0, 14
Decimal	8192014
CIE Lab	24.93, 47.51, 31.35
CIE LCh	25, 56.917, 33.416
Yxy	4.3919, 0.6212, 0.3196
Android (android.graphics.Color)	4286382094 (0xFF7D000E)
YUV	38.9710, -12.3107, 75.4474
Hunter-Lab	20.9563, 36.0397, 12.3687

Details

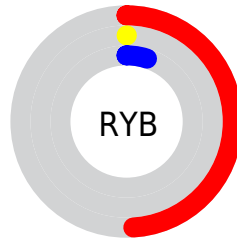
The HunterLab color **20.9563, 36.0397, 12.3687** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **39.7683, -23.7952, 1.6613**, and the grayscale version is **14.2593, -0.7608, 0.7747**.

A 20% lighter version of the original color is **38.0869, 39.7082, 18.1383**, and **10.9238, 18.7073, 7.0587** is the 20% darker color. If you saturate the color by 10%, you get **20.9562, 36.0392, 12.3698**, and if you desaturate by 10%, it is **21.6936, 34.2118, 11.4372**.

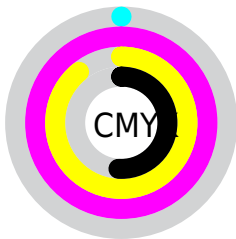
Distribution



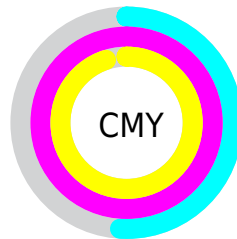
- Red (49%)
- Green (0%)
- Blue (5%)



- Red (49%)
- Yellow (0%)
- Blue (5%)



- Cyan (0%)
- Magenta (100%)
- Yellow (89%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9563, 36.0397, 12.3687 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 20.9563, 36.0397, 12.3687 by changing the saturation by 10% instead.

■ 20.9563, 36.0397,
12.3687

■ 20.9563, 36.0397,
12.3687

■ 119.9105, 49.4206,
34.5037

■ 13.7664, 34.1922,
9.6365

■ 38.0652, 39.7384,
18.1588

■ 7.3855, 35.0701,
5.1698

■ 47.8113, 41.4430,
20.7732

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.2711, 43.0326,
23.2555

0.0000, NaN, NaN

■ 69.3989, 44.5099,
25.6359

0.0000, NaN, NaN

■ 81.1567, 45.8808,
27.9364

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.5124, 47.1519,


30.1733

0.0000, NaN, NaN


 106.4384, 48.3298,
32.3592


 20.9563, 36.0397,
12.3687


 20.9563, 36.0397,
12.3687


 20.9562, 36.0392,
12.3698

 21.6936, 34.2118,
11.4372

 22.7693, 31.7036,
10.1969

 24.3372, 28.2189,
8.8603

 26.3666, 24.0806,
7.5452

 28.8051, 19.6030,
6.3337

■ 31.5946, 15.0195,
5.2674

■ 34.6806, 10.4728,
4.3573

■ 38.0163, 6.0359,
3.5965

■ 41.5630, 1.7370,
2.9698

Harmonies

Analogous

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



20.9570, 45.4865, 2.9994



20.9563, 36.0397, 12.3687



20.9570, 16.6121, 14.6699

Triad

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



20.9570, 36.0370, 12.3691



20.9570, -23.8700, 11.1392



20.9570, 0.9712, -64.9140

Complementary

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



20.9563, 36.0397, 12.3687



39.7683, -23.7952, 1.6613

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.



20.9570, -14.4035, -54.3325



20.9563, 36.0397, 12.3687



20.9570, -25.5967, -0.9054

Square

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



20.9570, 36.0370, 12.3691



20.9570, -16.9041, 14.6699



20.9570, -22.8036, -26.0835



20.9570, 21.4007, -48.7119

Rectangle

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



20.9563, 36.0397, 12.3687



20.9570, 2.9742, 14.6699



20.9570, -22.8036, -26.0835



20.9570, -4.9210, -64.4012

Sweetspot

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



20.9570, 36.0370, 12.3691



46.0931, 14.4588, 5.9137



21.9609, 44.3472, -38.0724



21.2903, 7.8898, 3.0116



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



20.9570, 36.0370, 12.3691



28.0218, 48.1471, 16.8750



25.4318, 22.2524, 16.0596



20.8602, 0.6818, 1.4549



21.4078, 36.8131, 12.6587

0.0000, NaN, NaN

Inverse Universe

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



20.9570, 36.0370, 12.3691



28.0218, 48.1471, 16.8750



26.0785, -2.0921, -28.0777



20.8602, 0.6818, 1.4549

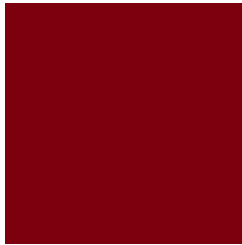


21.4078, 36.8131, 12.6587

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.9563, 36.0397, 12.3687 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 20.9563, 36.0397, 12.3687 Background



This preview shows how black text looks on a background with the HunterLab color 20.9563, 36.0397, 12.3687.



This preview shows how white text looks on a background with the HunterLab color 20.9563, 36.0397,

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

20.9563, 36.0397, 12.3687

Protanopia

22.1975, -2.8299, 11.1719

Tritanopia

21.2707, 33.5349, 13.6940

Trichromacy



Original Color

20.9563, 36.0397, 12.3687

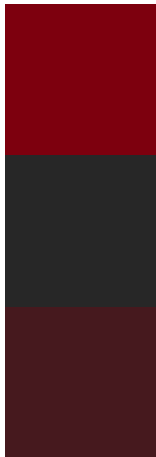
Protanomaly

19.3530, 13.2692, 9.9840

Tritanomaly

21.0903, 34.3180, 13.1929

Monochromacy



Original Color

20.9563, 36.0397, 12.3687

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.4606, 13.0558, 4.1030

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9563, 36.0397, 12.3687 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(125, 0, 14)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 14)  
}
```

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(125, 0, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9563, 36.0397, 12.3687 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(125, 0, 14) }
```

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

```
.border{ border-color:rgb(125, 0, 14) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 14);  
box-shadow:4px 4px 4px 4px rgb(125, 0, 14)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 20.9563, 36.0397, 12.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 14) }
```

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

```
.background{ background-color: rgb(125, 0,  
14) }
```

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